

Table of Contents

Certification Report for caNI EMI3 Update 1 (caNI 2.1.0, multiplatform)	1
Origins.....	1
Summary (EMI Test Report Structure).....	1
C Part.....	1
Clean installation, Debian 6 (Linux 2.6.32-5-amd64).....	2
Environment.....	2
Test Repo Contents.....	2
Process.....	2
Full Output of the Installation.....	2
Tests.....	5
Minor upgrade from production (EMI-3), Debian 6 (Linux 2.6.32-5-amd64).....	12
Environment.....	12
Production Repo Contents.....	12
Test Repo Contents.....	19
Process.....	19
Full Output of the Installation.....	19
Tests.....	22
Minor upgrade from production (EMI-3), Scientific 5 (x86_64).....	29
Environment.....	29
Production Repo Contents.....	29
Test Repo Contents.....	38
Process.....	38
Full Output of the Installation.....	39
Tests.....	42
Major upgrade from production (EMI-2 to EMI-3), Scientific 5 (x86_64).....	43
Environment.....	43
Production Repo Contents.....	44
Test Repo Contents.....	53
Process.....	53
Full Output of the Installation.....	53
Tests.....	56
Clean installation, Scientific 6 (i386).....	58
Environment.....	58
Test Repo Contents.....	58
Process.....	58
Full Output of the Installation.....	59
Tests.....	60
Minor upgrade from production (EMI-3), Scientific 6 (i386).....	62
Environment.....	62
Production Repo Contents.....	62
Test Repo Contents.....	69
Process.....	69
Full Output of the Installation.....	69
Tests.....	72
Major upgrade from production (EMI-2 to EMI-3), Scientific 6 (i386).....	74
Environment.....	74
Production Repo Contents.....	74
Test Repo Contents.....	80
Process.....	81
Full Output of the Installation.....	81
Tests.....	83
Clean installation, Scientific 6 (x86_64).....	85
Environment.....	85
Test Repo Contents.....	86

Table of Contents

Certification Report for caNI EMI3 Update 1 (caNI 2.1.0, multiplatform)

Process.....	86
Full Output of the Installation.....	86
Tests.....	88
Minor upgrade from production (EMI-3), Scientific 6 (x86_64).....	90
Environment.....	90
Production Repo Contents.....	90
Test Repo Contents.....	99
Process.....	99
Full Output of the Installation.....	99
Tests.....	102
Major upgrade from production (EMI-2 to EMI-3), Scientific 6 (x86_64).....	104
Environment.....	104
Production Repo Contents.....	104
Test Repo Contents.....	113
Process.....	113
Full Output of the Installation.....	114
Tests.....	115
Clean installation, Debian 6 (Linux 2.6.32-5-amd64).....	117
Environment.....	117
Test Repo Contents.....	118
Process.....	118
Full Output of the Installation.....	118
Tests.....	120
Minor upgrade from production (EMI-3), Debian 6 (Linux 2.6.32-5-amd64).....	127
Environment.....	127
Production Repo Contents.....	128
Test Repo Contents.....	134
Process.....	135
Full Output of the Installation.....	135
Tests.....	138
Minor upgrade from production (EMI-3), Scientific 5 (x86_64).....	145
Environment.....	145
Production Repo Contents.....	145
Test Repo Contents.....	154
Process.....	154
Full Output of the Installation.....	154
Tests.....	157
Major upgrade from production (EMI-2 to EMI-3), Scientific 5 (x86_64).....	159
Environment.....	159
Production Repo Contents.....	159
Test Repo Contents.....	169
Process.....	169
Full Output of the Installation.....	169
Tests.....	172
Clean installation, Scientific 6 (i386).....	174
Environment.....	174
Test Repo Contents.....	174
Process.....	174
Full Output of the Installation.....	174
Tests.....	176
Minor upgrade from production (EMI-3), Scientific 6 (i386).....	178
Environment.....	178
Production Repo Contents.....	178

Table of Contents

Certification Report for caNI EMI3 Update 1 (caNI 2.1.0, multiplatform)

Test Repo Contents.....	185
Process.....	185
Full Output of the Installation.....	185
Tests.....	188
Major upgrade from production (EMI-2 to EMI-3), Scientific 6 (i386).....	189
Environment.....	189
Production Repo Contents.....	190
Test Repo Contents.....	196
Process.....	196
Full Output of the Installation.....	197
Tests.....	199
Clean installation, Scientific 6 (x86_64).....	201
Environment.....	201
Test Repo Contents.....	201
Process.....	201
Full Output of the Installation.....	202
Tests.....	203
Minor upgrade from production (EMI-3), Scientific 6 (x86_64).....	205
Environment.....	205
Production Repo Contents.....	206
Test Repo Contents.....	215
Process.....	215
Full Output of the Installation.....	215
Tests.....	218
Major upgrade from production (EMI-2 to EMI-3), Scientific 6 (x86_64).....	219
Environment.....	220
Production Repo Contents.....	220
Test Repo Contents.....	229
Process.....	229
Full Output of the Installation.....	229
Tests.....	231
JAVA Part.....	233

Certification Report for caNI EMI3 Update 1 (caNI 2.1.0, multiplatform)

Origins

Component	emi.can1
Task	https://savannah.cern.ch/task/?40590
Configuration	emi-can1_R_2_1_1_1
Tag	emi-can1_R_2_1_1_1 (C part), tags/can1-1.2.0 (Java part)
Release	Monte Bianco
Platform	SL5 SL6 Deb6
Author	Zdeněk ustr
Date	2020-08-13
Build Report	http://etics-repository.cern.ch/repository/reports/id/234202dc-06a8-4520-bbec-69b7107f4e43/sl5_x86_ http://etics-repository.cern.ch/repository/reports/id/59a717b4-9359-491d-b239-583e6cc0fed7/sl5_ia32_ http://etics-repository.cern.ch/repository/reports/id/2c60bc20-5d67-4888-b374-ff37c4b2e653/sl6_x86_ http://etics-repository.cern.ch/repository/reports/id/5554fb2f-1188-45f7-b5e8-0a7493d30b3f/sl6_ia32_ http://etics-repository.cern.ch/repository/reports/id/7a5171c7-a753-447d-839c-faacf164abba/deb6_x86_
YUM repo file	http://etics-repository.cern.ch/repository/pm/registered/repomd/id/234202dc-06a8-4520-bbec-69b7107f http://etics-repository.cern.ch/repository/pm/registered/repomd/id/59a717b4-9359-491d-b239-583e6cc0 http://etics-repository.cern.ch/repository/pm/registered/repomd/id/2c60bc20-5d67-4888-b374-ff37c4b2 http://etics-repository.cern.ch/repository/pm/registered/repomd/id/5554fb2f-1188-45f7-b5e8-0a7493d3
APT repo file	http://etics-repository.cern.ch/repository/pm/registered/apt/id/7a5171c7-a753-447d-839c-faacf164abba/
Patch	—
Status	Certified
Duration	—
Previous report	https://twiki.cern.ch/twiki/bin/view/EMI/CaNIC-partEMI3FinalRC

Summary (EMI Test Report Structure)

1. Deployment log:
 1. Clean Installation—**PASS**
 2. Upgrade Installation—**PASS**
2. Static Code Analysis—**N/A** (The prevalent programming language is C)
3. Unit Tests Execution—**YES**
4. System tests:
 1. Basic Functionality tests—**PASS**
 2. Regression tests—**N/A**
 3. Performance/Scalability tests—**N/A**
 4. Standard Compliance/Conformance tests—**N/A**

Remarks:

C Part

Clean installation, Debian 6 (Linux 2.6.32-5-amd64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Debian GNU/Linux 6.0
Platform	Linux 2.6.32-5-amd64
Host	skirit75-2.ics.muni.cz
Duration	2 min
Testbed uptime	20:16:14 up 7 min, 0 users, load average: 0.56, 0.29, 0.14

Test Repo Contents

```
ca-nics-myproxy 1.52-1 /var/lib/apt/lists/repository.egi.eu_sw_production_cas_1_current_dists_egi
ca-PSC-Myproxy-CA 1.52-1 /var/lib/apt/lists/repository.egi.eu_sw_production_cas_1_current_dists_e
libcanl-c2 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_id_7a
libcanl-c-dev 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_id
libcanl-c-examples 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_a
libcanl-java 1.2.0-0.deb6 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_ap
libcanl-java-doc 1.2.0-0.deb6 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registere
libcanl-c2-dbg 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_i
libcanl-c-examples-dbg 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_register
```

Process

```
wget --no-verbose http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/dists/squeeze/main/binary-
dpkg -i emi-release_3.0.0-2.deb6.1_all.deb
apt-key adv --fetch-keys http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
aptitude update
```

```
wget --no-verbose -P /etc/apt/sources.list.d http://etics-repository.cern.ch/repository/pm/regist
cat > /etc/apt/preferences.d/etics <<EOF
Package: *
Pin: origin "etics-repository.cern.ch"
Pin-Priority: 650
EOF
aptitude update
```

```
aptitude install -y --allow-untrusted libcanl-c-examples
```

Full Output of the Installation

```
Selecting previously deselected package emi-release.
(Reading database ... 32149 files and directories currently installed.)
Unpacking emi-release (from emi-release_3.0.0-2.deb6.1_all.deb) ...
Setting up emi-release (3.0.0-2.deb6.1) ...
Executing: gpg --ignore-time-conflict --no-options --no-default-keyring --secret-keyring /etc/apt
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Get:1 http://emisoft.web.cern.ch squeeze Release.gpg [198 B]
Hit http://ftp.cz.debian.org squeeze/main Sources
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://security.debian.org squeeze/updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Hit http://security.debian.org squeeze/updates Release
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
Hit http://security.debian.org wheezy/updates Release
Hit http://repository.egi.eu egi-igtf Release.gpg
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtf/core Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/third-party Translation-en
Get:2 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates Release.gpg [198 B]
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates/main Translation-en
Get:3 http://emisoft.web.cern.ch squeeze Release [4061 B]
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates/main Sources
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://repository.egi.eu egi-igtf Release
Get:4 http://emisoft.web.cern.ch squeeze-updates Release [3812 B]
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Get:5 http://emisoft.web.cern.ch/emisoft/main Sources [43.8 kB]
Hit http://repository.egi.eu egi-igtf/core amd64 Packages
Get:6 http://emisoft.web.cern.ch squeeze/third-party Sources [20 B]
Get:7 http://emisoft.web.cern.ch squeeze/main amd64 Packages [48.1 kB]
Get:8 http://emisoft.web.cern.ch squeeze/third-party amd64 Packages [7693 B]
Get:9 http://emisoft.web.cern.ch squeeze-updates/main Sources [20 B]
Get:10 http://emisoft.web.cern.ch squeeze-updates/main amd64 Packages [20 B]
Fetched 108 kB in 1s (82.8 kB/s)
Reading package lists...
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Hit http://security.debian.org squeeze/updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Hit http://emisoft.web.cern.ch squeeze Release.gpg
Hit http://security.debian.org squeeze/updates Release
Hit http://security.debian.org wheezy/updates Release
Hit http://ftp.cz.debian.org squeeze/main Sources
Hit http://repository.egi.eu egi-igtf Release.gpg
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtf/core Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/third-party Translation-en
Hit http://emisoft.web.cern.ch squeeze-updates Release.gpg
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates/main Translation-en
Hit http://emisoft.web.cern.ch squeeze Release
Ign http://etics-repository.cern.ch/repository/pm/registered/apt/id/7a5171c7-a753-447d-839c-faacf
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates/main Sources
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Hit http://repository.egi.eu egi-igtf Release
Hit http://emisoft.web.cern.ch squeeze-updates Release
Ign http://etics-repository.cern.ch stable Release
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/main Sources
Get:1 http://etics-repository.cern.ch stable/main amd64 Packages [2577 B]
Hit http://repository.egi.eu egi-igtf/core amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/third-party Sources
Hit http://emisoft.web.cern.ch squeeze/main amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/third-party amd64 Packages
Hit http://emisoft.web.cern.ch squeeze-updates/main Sources
Hit http://emisoft.web.cern.ch squeeze-updates/main amd64 Packages
Fetched 2577 B in 1s (2381 B/s)
Reading package lists...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
Reading task descriptions...
The following NEW packages will be installed:
  libc-ares2{a} libcanl-c-examples libcanl-c2{a}
0 packages upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 134 kB of archives. After unpacking 358 kB will be used.
Writing extended state information...
Get:1 http://ftp.cz.debian.org/debian/ squeeze/main libc-ares2 amd64 1.7.3-1squeeze1 [52.8 kB]
Get:2 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libcanl-c2 amd64 2.0.9-1
Get:3 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libcanl-c-examples amd64
Fetched 134 kB in 0s (608 kB/s)
Selecting previously deselected package libc-ares2.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 32154 files and directories currently installed.)
Unpacking libc-ares2 (from .../libc-ares2_1.7.3-1squeeze1_amd64.deb) ...
Selecting previously deselected package libcanl-c2.
Unpacking libcanl-c2 (from .../libcanl-c2_2.0.9-1_amd64.deb) ...
Selecting previously deselected package libcanl-c-examples.
Unpacking libcanl-c-examples (from .../libcanl-c-examples_2.0.9-1_amd64.deb) ...
Setting up libc-ares2 (1.7.3-1squeeze1) ...
Setting up libcanl-c2 (2.0.9-1) ...
Setting up libcanl-c-examples (2.0.9-1) ...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
```

Initializing package states...
 Writing extended state information...
 Reading task descriptions...

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```
Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Reading package lists...
Building dependency tree...
Reading state information...
cvs is already the newest version.
wget is already the newest version.
The following extra packages will be installed:
 autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev g++
 g++-4.4 gettext git intltool-debian libalgorithm-diff-perl
 libalgorithm-diff-xs-perl libalgorithm-merge-perl libapt-pkg-perl
 libclass-accessor-perl libcroco3 libcurl3-gnutls libdpkg-perl liberror-perl
 libfont-afm-perl libglobus-callout0 libglobus-common0
 libglobus-gsi-callback0 libglobus-gsi-cert-utils0 libglobus-gsi-credential1
 libglobus-gsi-openssl-error0 libglobus-gsi-proxy-core0
 libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1 libglobus-gss-assist3
 libglobus-gssapi-gsi4 libglobus-libtool libglobus-openssl
 libglobus-openssl-module0 libhtml-format-perl libhtml-parser-perl
 libhtml-tagset-perl libhtml-template-perl libhtml-tree-perl libidn11
 libio-pty-perl libio-string-perl libipc-run-perl libltdl7 libmailtools-perl
 libparse-debianchangelog-perl libstdc++6-4.4-dev libsub-name-perl
 libtimedate-perl libunistring0 liburi-perl libvomsapi1 libwww-perl
 libxml-namespacesupport-perl libxml-parser-perl libxml-sax-expat-perl
 libxml-sax-perl libxml-simple-perl libxml2 rsync
```

Suggested packages:

```
bzip2-doc debian-keyring g++-multilib g++-4.4-multilib gcc-4.4-doc
 libstdc++6-4.4-dbg gettext-doc git-doc git-arch git-cvs git-svn git-email
 git-daemon-run git-gui gitk gitweb libdata-dump-perl libipc-sharedcache-perl
 libstdc++6-4.4-doc libcrypt-ssleay-perl libio-socket-ssl-perl
 binutils-multiarch libtext-template-perl
```

The following NEW packages will be installed:

```
autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev g++
 g++-4.4 gettext git globus-proxy-utils intltool-debian
 libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl
 libapt-pkg-perl libclass-accessor-perl libcroco3 libcurl3-gnutls
 libdpkg-perl liberror-perl libfont-afm-perl libglobus-callout0
 libglobus-common0 libglobus-gsi-callback0 libglobus-gsi-cert-utils0
 libglobus-gsi-credential1 libglobus-gsi-openssl-error0
 libglobus-gsi-proxy-core0 libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1
 libglobus-gss-assist3 libglobus-gssapi-gsi4 libglobus-libtool
 libglobus-openssl libglobus-openssl-module0 libhtml-format-perl
 libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
 libhtml-tree-perl libidn11 libio-pty-perl libio-string-perl libipc-run-perl
 libltdl7 libmailtools-perl libparse-debianchangelog-perl libstdc++6-4.4-dev
 libsub-name-perl libtimedate-perl libunistring0 liburi-perl libvomsapi1
 libwww-perl libxml-namespacesupport-perl libxml-parser-perl
 libxml-sax-expat-perl libxml-sax-perl libxml-simple-perl libxml2 lintian
 lsof rsync voms-clients
```

0 upgraded, 65 newly installed, 0 to remove and 0 not upgraded.

Need to get 23.9 MB of archives.

After this operation, 66.2 MB of additional disk space will be used.

Get:1 <http://ftp.cz.debian.org/debian/> squeeze/main libidn11 amd64 1.15-2 [158 kB]

Get:2 <http://security.debian.org/> squeeze/updates/main libxml2 amd64 2.7.8.dfsg-2+squeeze7 [874 kB]

Get:3 <http://ftp.cz.debian.org/debian/> squeeze/main lsof amd64 4.81.dfsg.1-1 [282 kB]

CaNIC-partEMI3Update1 < EMI < TWiki

```
Get:4 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libvomsapil amd64 2.0.10
Get:5 http://ftp.cz.debian.org/debian/ squeeze/main ca-certificates all 20090814+nmu3squeeze1 [14
Get:6 http://ftp.cz.debian.org/debian/ squeeze/main libcurl3-gnutls amd64 7.21.0-2.1+squeeze2 [26
Get:7 http://ftp.cz.debian.org/debian/ squeeze/main liberror-perl all 0.17-1 [23.6 kB]
Get:8 http://ftp.cz.debian.org/debian/ squeeze/main git amd64 1:1.7.2.5-3 [5274 kB]
Get:9 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main voms-clients amd64 2.0.1
Get:10 http://ftp.cz.debian.org/debian/ squeeze/main autopoint all 0.18.1.1-3 [627 kB]
Get:11 http://ftp.cz.debian.org/debian/ squeeze/main libstdc++6-4.4-dev amd64 4.4.5-8 [1526 kB]
Get:12 http://ftp.cz.debian.org/debian/ squeeze/main g++-4.4 amd64 4.4.5-8 [5515 kB]
Get:13 http://ftp.cz.debian.org/debian/ squeeze/main g++ amd64 4:4.4.5-1 [1376 B]
Get:14 http://ftp.cz.debian.org/debian/ squeeze/main libtimedate-perl all 1.2000-1 [41.2 kB]
Get:15 http://ftp.cz.debian.org/debian/ squeeze/main libdpkg-perl all 1.15.8.13 [695 kB]
Get:16 http://ftp.cz.debian.org/debian/ squeeze/main bzip2 amd64 1.0.5-6+squeeze1 [50.5 kB]
Get:17 http://ftp.cz.debian.org/debian/ squeeze/main dpkg-dev all 1.15.8.13 [813 kB]
Get:18 http://ftp.cz.debian.org/debian/ squeeze/main build-essential amd64 11.5 [7178 B]
Get:19 http://ftp.cz.debian.org/debian/ squeeze/main diffstat amd64 1.53-1 [28.5 kB]
Get:20 http://ftp.cz.debian.org/debian/ squeeze/main libcrococ3 amd64 0.6.2-1 [125 kB]
Get:21 http://ftp.cz.debian.org/debian/ squeeze/main libunistring0 amd64 0.9.3-3 [437 kB]
Get:22 http://ftp.cz.debian.org/debian/ squeeze/main gettext amd64 0.18.1.1-3 [2076 kB]
Get:23 http://ftp.cz.debian.org/debian/ squeeze/main libltdl7 amd64 2.2.6b-2 [296 kB]
Get:24 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-libtool amd64 1.2-6 [2586 B]
Get:25 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-common0 amd64 11.5-2 [105 kB]
Get:26 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-callout0 amd64 0.7-6 [9264 B]
Get:27 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl amd64 5.1-1 [2650 B]
Get:28 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-openssl-error0 amd64 0.14-6 [8
Get:29 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-ssl1 amd64 2.3-1 [11.0 k
Get:30 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl-module0 amd64 1.3-1 [6488
Get:31 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-cert-utils0 amd64 6.6-1 [11.2
Get:32 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-sysconfig1 amd64 3.1-2 [20.9 k
Get:33 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-callback0 amd64 2.7-1 [32.2 kB]
Get:34 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-credential1 amd64 3.5-1 [26.3
Get:35 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-core0 amd64 4.5-1 [26.9
Get:36 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gssapi-gsi4 amd64 7.5-2 [48.7 kB]
Get:37 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gss-assist3 amd64 5.9-1 [23.6 kB]
Get:38 http://ftp.cz.debian.org/debian/ squeeze/main globus-proxy-utils amd64 3.9-1 [37.7 kB]
Get:39 http://ftp.cz.debian.org/debian/ squeeze/main intltool-debian all 0.35.0+20060710.1 [30.8
Get:40 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-diff-perl all 1.19.02-2 [51.5 k
Get:41 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-diff-xs-perl amd64 0.04-1 [13.4
Get:42 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-merge-perl all 0.08-2 [13.5 kB]
Get:43 http://ftp.cz.debian.org/debian/ squeeze/main libapt-pkg-perl amd64 0.1.24+b1 [91.5 kB]
Get:44 http://ftp.cz.debian.org/debian/ squeeze/main libsub-name-perl amd64 0.04-1 [10.4 kB]
Get:45 http://ftp.cz.debian.org/debian/ squeeze/main libclass-accessor-perl all 0.34-1 [25.9 kB]
Get:46 http://ftp.cz.debian.org/debian/ squeeze/main libfont-afm-perl all 1.20-1 [14.4 kB]
Get:47 http://ftp.cz.debian.org/debian/ squeeze/main liburi-perl all 1.54-2 [98.5 kB]
Get:48 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tagset-perl all 3.20-2 [13.5 kB]
Get:49 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-parser-perl amd64 3.66-1 [115 kB]
Get:50 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tree-perl all 3.23-2 [209 kB]
Get:51 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-format-perl all 2.04-2 [39.5 kB]
Get:52 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-template-perl all 2.9-2 [65.9 kB]
Get:53 http://ftp.cz.debian.org/debian/ squeeze/main libio-pty-perl amd64 1:1.08-1 [42.5 kB]
Get:54 http://ftp.cz.debian.org/debian/ squeeze/main libio-string-perl all 1.08-2 [12.0 kB]
Get:55 http://ftp.cz.debian.org/debian/ squeeze/main libipc-run-perl all 0.89-1 [109 kB]
Get:56 http://ftp.cz.debian.org/debian/ squeeze/main libmailtools-perl all 2.06-1 [97.4 kB]
Get:57 http://ftp.cz.debian.org/debian/ squeeze/main libparse-debianchangelog-perl all 1.1.1-2.1
Get:58 http://ftp.cz.debian.org/debian/ squeeze/main libwww-perl all 5.836-1 [401 kB]
Get:59 http://ftp.cz.debian.org/debian/ squeeze/main libxml-namespacesupport-perl all 1.09-3 [15.
Get:60 http://ftp.cz.debian.org/debian/ squeeze/main libxml-parser-perl amd64 2.36-1.1+b1 [297 kB]
Get:61 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-perl all 0.96+dfsg-2 [86.0 kB]
Get:62 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-expat-perl all 0.40-1 [12.5 kB]
Get:63 http://ftp.cz.debian.org/debian/ squeeze/main libxml-simple-perl all 2.18-3 [72.8 kB]
Get:64 http://ftp.cz.debian.org/debian/ squeeze/main lintian all 2.4.3+squeeze1 [546 kB]
Get:65 http://ftp.cz.debian.org/debian/ squeeze/main rsync amd64 3.0.7-2 [359 kB]
Preconfiguring packages ...
Fetched 23.9 MB in 0s (26.8 MB/s)
Selecting previously deselected package libidn11.
(Reading database ...
(Reading database ... 5%
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 32171 files and directories currently installed.)
Unpacking libidn11 (from ../libidn11_1.15-2_amd64.deb) ...
Selecting previously deselected package lsof.
Unpacking lsof (from ../lsof_4.81.dfsg.1-1_amd64.deb) ...
Selecting previously deselected package ca-certificates.
Unpacking ca-certificates (from ../ca-certificates_20090814+nmu3squeeze1_all.deb) ...
Selecting previously deselected package libcurl3-gnutls.
Unpacking libcurl3-gnutls (from ../libcurl3-gnutls_7.21.0-2.1+squeeze2_amd64.deb) ...
Selecting previously deselected package liberror-perl.
Unpacking liberror-perl (from ../liberror-perl_0.17-1_all.deb) ...
Selecting previously deselected package git.
Unpacking git (from ../git_1%3a1.7.2.5-3_amd64.deb) ...
Selecting previously deselected package autopoint.
Unpacking autopoint (from ../autopoint_0.18.1.1-3_all.deb) ...
Selecting previously deselected package libstdc++6-4.4-dev.
Unpacking libstdc++6-4.4-dev (from ../libstdc++6-4.4-dev_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++-4.4.
Unpacking g++-4.4 (from ../g++-4.4_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++.
Unpacking g++ (from ../g++_4%3a4.4.5-1_amd64.deb) ...
Selecting previously deselected package libtimedate-perl.
Unpacking libtimedate-perl (from ../libtimedate-perl_1.2000-1_all.deb) ...
Selecting previously deselected package libdpkg-perl.
Unpacking libdpkg-perl (from ../libdpkg-perl_1.15.8.13_all.deb) ...
Selecting previously deselected package bzip2.
Unpacking bzip2 (from ../bzip2_1.0.5-6+squeeze1_amd64.deb) ...
Selecting previously deselected package dpkg-dev.
Unpacking dpkg-dev (from ../dpkg-dev_1.15.8.13_all.deb) ...
Selecting previously deselected package build-essential.
Unpacking build-essential (from ../build-essential_11.5_amd64.deb) ...
Selecting previously deselected package diffstat.
Unpacking diffstat (from ../diffstat_1.53-1_amd64.deb) ...
Selecting previously deselected package libxml2.
Unpacking libxml2 (from ../libxml2_2.7.8.dfsg-2+squeeze7_amd64.deb) ...
Selecting previously deselected package libcroco3.
Unpacking libcroco3 (from ../libcroco3_0.6.2-1_amd64.deb) ...
Selecting previously deselected package libunistring0.
Unpacking libunistring0 (from ../libunistring0_0.9.3-3_amd64.deb) ...
Selecting previously deselected package gettext.
Unpacking gettext (from ../gettext_0.18.1.1-3_amd64.deb) ...
Selecting previously deselected package libltdl7.
Unpacking libltdl7 (from ../libltdl7_2.2.6b-2_amd64.deb) ...
Selecting previously deselected package libglobus-libtool.
Unpacking libglobus-libtool (from ../libglobus-libtool_1.2-6_amd64.deb) ...
Selecting previously deselected package libglobus-common0.
Unpacking libglobus-common0 (from ../libglobus-common0_11.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-callout0.
Unpacking libglobus-callout0 (from ../libglobus-callout0_0.7-6_amd64.deb) ...
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Selecting previously deselected package libglobus-openssl.
Unpacking libglobus-openssl (from ../libglobus-openssl_5.1-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-openssl-error0.
Unpacking libglobus-gsi-openssl-error0 (from ../libglobus-gsi-openssl-error0_0.14-6_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-ssl1.
Unpacking libglobus-gsi-proxy-ssl1 (from ../libglobus-gsi-proxy-ssl1_2.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-openssl-module0.
Unpacking libglobus-openssl-module0 (from ../libglobus-openssl-module0_1.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-cert-utils0.
Unpacking libglobus-gsi-cert-utils0 (from ../libglobus-gsi-cert-utils0_6.6-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-sysconfig1.
Unpacking libglobus-gsi-sysconfig1 (from ../libglobus-gsi-sysconfig1_3.1-2_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-callback0.
Unpacking libglobus-gsi-callback0 (from ../libglobus-gsi-callback0_2.7-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-credential1.
Unpacking libglobus-gsi-credential1 (from ../libglobus-gsi-credential1_3.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-core0.
Unpacking libglobus-gsi-proxy-core0 (from ../libglobus-gsi-proxy-core0_4.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gssapi-gsi4.
Unpacking libglobus-gssapi-gsi4 (from ../libglobus-gssapi-gsi4_7.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-gss-assist3.
Unpacking libglobus-gss-assist3 (from ../libglobus-gss-assist3_5.9-1_amd64.deb) ...
Selecting previously deselected package globus-proxy-utils.
Unpacking globus-proxy-utils (from ../globus-proxy-utils_3.9-1_amd64.deb) ...
Selecting previously deselected package intltool-debian.
Unpacking intltool-debian (from ../intltool-debian_0.35.0+20060710.1_all.deb) ...
Selecting previously deselected package libalgorithm-diff-perl.
Unpacking libalgorithm-diff-perl (from ../libalgorithm-diff-perl_1.19.02-2_all.deb) ...
Selecting previously deselected package libalgorithm-diff-xs-perl.
Unpacking libalgorithm-diff-xs-perl (from ../libalgorithm-diff-xs-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libalgorithm-merge-perl.
Unpacking libalgorithm-merge-perl (from ../libalgorithm-merge-perl_0.08-2_all.deb) ...
Selecting previously deselected package libapt-pkg-perl.
Unpacking libapt-pkg-perl (from ../libapt-pkg-perl_0.1.24+b1_amd64.deb) ...
Selecting previously deselected package libsub-name-perl.
Unpacking libsub-name-perl (from ../libsub-name-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libclass-accessor-perl.
Unpacking libclass-accessor-perl (from ../libclass-accessor-perl_0.34-1_all.deb) ...
Selecting previously deselected package libfont-afm-perl.
Unpacking libfont-afm-perl (from ../libfont-afm-perl_1.20-1_all.deb) ...
Selecting previously deselected package liburi-perl.
Unpacking liburi-perl (from ../liburi-perl_1.54-2_all.deb) ...
Selecting previously deselected package libhtml-tagset-perl.
Unpacking libhtml-tagset-perl (from ../libhtml-tagset-perl_3.20-2_all.deb) ...
Selecting previously deselected package libhtml-parser-perl.
Unpacking libhtml-parser-perl (from ../libhtml-parser-perl_3.66-1_amd64.deb) ...
Selecting previously deselected package libhtml-tree-perl.
Unpacking libhtml-tree-perl (from ../libhtml-tree-perl_3.23-2_all.deb) ...
Selecting previously deselected package libhtml-format-perl.
Unpacking libhtml-format-perl (from ../libhtml-format-perl_2.04-2_all.deb) ...
Selecting previously deselected package libhtml-template-perl.
Unpacking libhtml-template-perl (from ../libhtml-template-perl_2.9-2_all.deb) ...
Selecting previously deselected package libio-pty-perl.
Unpacking libio-pty-perl (from ../libio-pty-perl_1%3a1.08-1_amd64.deb) ...
Selecting previously deselected package libio-string-perl.
Unpacking libio-string-perl (from ../libio-string-perl_1.08-2_all.deb) ...
Selecting previously deselected package libipc-run-perl.
Unpacking libipc-run-perl (from ../libipc-run-perl_0.89-1_all.deb) ...
Selecting previously deselected package libmailtools-perl.
Unpacking libmailtools-perl (from ../libmailtools-perl_2.06-1_all.deb) ...
Selecting previously deselected package libparse-debianchangelog-perl.
Unpacking libparse-debianchangelog-perl (from ../libparse-debianchangelog-perl_1.1.1-2.1_all.deb) ...
Selecting previously deselected package libvomsapi1.
Unpacking libvomsapi1 (from ../libvomsapi1_2.0.10-1_amd64.deb) ...
Selecting previously deselected package libwww-perl.
Unpacking libwww-perl (from ../libwww-perl_5.836-1_all.deb) ...
Selecting previously deselected package libxml-namespacesupport-perl.
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Unpacking libxml-namespacesupport-perl (from ../libxml-namespacesupport-perl_1.09-3_all.deb) ...
Selecting previously deselected package libxml-parser-perl.
Unpacking libxml-parser-perl (from ../libxml-parser-perl_2.36-1.1+b1_amd64.deb) ...
Selecting previously deselected package libxml-sax-perl.
Unpacking libxml-sax-perl (from ../libxml-sax-perl_0.96+dfsg-2_all.deb) ...
Selecting previously deselected package libxml-sax-expat-perl.
Unpacking libxml-sax-expat-perl (from ../libxml-sax-expat-perl_0.40-1_all.deb) ...
Selecting previously deselected package libxml-simple-perl.
Unpacking libxml-simple-perl (from ../libxml-simple-perl_2.18-3_all.deb) ...
Selecting previously deselected package lintian.
Unpacking lintian (from ../lintian_2.4.3+squeeze1_all.deb) ...
Selecting previously deselected package rsync.
Unpacking rsync (from ../rsync_3.0.7-2_amd64.deb) ...
Selecting previously deselected package voms-clients.
Unpacking voms-clients (from ../voms-clients_2.0.10-1_amd64.deb) ...
Processing triggers for man-db ...
Processing triggers for install-info ...
Setting up libidn11 (1.15-2) ...
Setting up lsof (4.81.dfsg.1-1) ...
Setting up ca-certificates (20090814+nmu3squeeze1) ...
Updating certificates in /etc/ssl/certs... WARNING: Skipping duplicate certificate brasil.gov.br.
140 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d....done.
Setting up libcurl3-gnutls (7.21.0-2.1+squeeze2) ...
Setting up liberror-perl (0.17-1) ...
Setting up git (1:1.7.2.5-3) ...
Setting up autopoint (0.18.1.1-3) ...
Setting up libtimedate-perl (1.2000-1) ...
Setting up libd/pkg-perl (1.15.8.13) ...
Setting up bzip2 (1.0.5-6+squeeze1) ...
Setting up dpkg-dev (1.15.8.13) ...
Setting up diffstat (1.53-1) ...
Setting up libxml2 (2.7.8.dfsg-2+squeeze7) ...
Setting up libcroco3 (0.6.2-1) ...
Setting up libunistring0 (0.9.3-3) ...
Setting up gettext (0.18.1.1-3) ...
Setting up libltdl7 (2.2.6b-2) ...
Setting up libglobus-libtool (1.2-6) ...
Setting up libglobus-common0 (11.5-2) ...
Setting up libglobus-callout0 (0.7-6) ...
Setting up libglobus-openssl (5.1-1) ...
Setting up libglobus-gsi-openssl-error0 (0.14-6) ...
Setting up libglobus-gsi-proxy-ssl1 (2.3-1) ...
Setting up libglobus-openssl-module0 (1.3-1) ...
Setting up libglobus-gsi-cert-utils0 (6.6-1) ...
Setting up libglobus-gsi-sysconfig1 (3.1-2) ...
Setting up libglobus-gsi-callback0 (2.7-1) ...
Setting up libglobus-gsi-credential1 (3.5-1) ...
Setting up libglobus-gsi-proxy-core0 (4.5-1) ...
Setting up libglobus-gssapi-gsi4 (7.5-2) ...
Setting up libglobus-gss-assist3 (5.9-1) ...
Setting up globus-proxy-utils (3.9-1) ...
Setting up intltool-debian (0.35.0+20060710.1) ...
Setting up libalgorithm-diff-perl (1.19.02-2) ...
Setting up libalgorithm-diff-xs-perl (0.04-1) ...
Setting up libalgorithm-merge-perl (0.08-2) ...
Setting up libapt-pkg-perl (0.1.24+b1) ...
Setting up libsub-name-perl (0.04-1) ...
Setting up libclass-accessor-perl (0.34-1) ...
Setting up libfont-afm-perl (1.20-1) ...
Setting up liburi-perl (1.54-2) ...
Setting up libhtml-tagset-perl (3.20-2) ...
Setting up libhtml-parser-perl (3.66-1) ...
Setting up libhtml-tree-perl (3.23-2) ...
Setting up libhtml-format-perl (2.04-2) ...
Setting up libhtml-template-perl (2.9-2) ...
Setting up libio-pty-perl (1:1.08-1) ...
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Setting up libio-string-perl (1.08-2) ...
Setting up libipc-run-perl (0.89-1) ...
Setting up libmailtools-perl (2.06-1) ...
Setting up libparse-debianchangelog-perl (1.1.1-2.1) ...
Setting up libvomsapi1 (2.0.10-1) ...
Setting up libwww-perl (5.836-1) ...
Setting up libxml-namespacesupport-perl (1.09-3) ...
Setting up libxml-parser-perl (2.36-1.1+b1) ...
Setting up libxml-sax-perl (0.96+dfsg-2) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::PurePerl with priority 10...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...

Creating config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-sax-expat-perl (0.40-1) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::Expat with priority 50...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...
Replacing config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-simple-perl (2.18-3) ...
Setting up lintian (2.4.3+squeezel) ...
Generating en_US.UTF-8 locale for internal Lintian use....
Setting up rsync (3.0.7-2) ...
Setting up voms-clients (2.0.10-1) ...
Setting up libstdc++6-4.4-dev (4.4.5-8) ...
Setting up g++-4.4 (4.4.5-8) ...
Setting up g++ (4:4.4.5-1) ...
update-alternatives: using /usr/bin/g++ to provide /usr/bin/c++ (c++) in auto mode.
Setting up build-essential (11.5) ...
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
```

```

U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh

```

```

=====
REAL TESTS START HERE
=====

```

Mar 27 20:15:48 skirit75-2.ics.muni.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:15:48 skirit75-2.ics.muni.cz canl-test-cert-handle.sh: end

Mar 27 20:15:48 skirit75-2.ics.muni.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:16:00 skirit75-2.ics.muni.cz canl-test-cs-openssl.sh: end

Mar 27 20:16:01 skirit75-2.ics.muni.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]

received: This is a testing message to send server: waiting for connections... [SERVER] connection

established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"

sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:16:01 skirit75-2.ics.muni.cz canl-test-sec-connection.sh: end

Mar 27 20:16:01 skirit75-2.ics.muni.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

[CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the

testing message to send" sent successfully [CLIENT] received: This is a testing message to send server:

waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client

[SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the

testing message to send **done**

Mar 27 20:16:02 skirit75-2.ics.muni.cz canl-test-sha2.sh: end

```

=====
TESTS END HERE

```

=====

Minor upgrade from production (EMI-3), Debian 6 (Linux 2.6.32-5-amd64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Debian GNU/Linux 6.0
Platform	Linux 2.6.32-5-amd64
Host	nympha8-2.zcu.cz
Duration	1 min
Testbed uptime	20:13:48 up 4 min, 0 users, load average: 0.53, 0.34, 0.14

Production Repo Contents

```

bdii 5.2.17-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_main
glue-schema 2.0.10-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squee
globus-proxy-utils 5.0-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-gss-assist3 8.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gssapi-gsi4 10.6-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
libvomsapi0 1.9.17.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-amd6
libglobus-common0 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-ftp-client2 7.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gass-copy2 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-a
globus-authz-callout-error-dbg 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_mai
libglobus-authz-callout-error0 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_mai
libglobus-authz-callout-error-dev 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_
libglobus-common-dev 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-authz-callout-error-doc 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_
globus-authz-dbg 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-authz0 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-authz-dev 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-am
libglobus-callout-dev 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gssapi-gsi-dev 10.6-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-authz-doc 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-am
libglobus-callout0 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-gsi-sysconfig1 5.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
globus-callout-dbg 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-libtool-dev 1.2-6 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary
globus-core 8.8-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64_Pack
libglobus-callout-doc 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-libtool 1.2-6 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-amd
globus-common-dbg 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
globus-common-progs 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-a
libglobus-common-doc 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
globus-ftp-client-dbg 7.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-ftp-client-dev 7.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-xio-popen-driver-dev 2.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_mai
libglobus-ftp-control-dev 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-ftp-client-doc 7.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-ftp-control1 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
libglobus-xio0 3.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64_P
libglobus-xio-popen-driver0 2.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
globus-ftp-control-dbg 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
libglobus-gss-assist-dev 8.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-io-dev 9.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-ftp-control-doc 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gssapi-error2 4.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-io3 9.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64_Pa
globus-gass-cache-program-dbg 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main

```

```

globus-gass-cache-program 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gass-cache5 8.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gass-server-ez2 4.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gass-transfer2 7.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-gram-client3 12.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gram-protocol3 11.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-callback0 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gsi-cert-utils0 8.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-credential1 5.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-openssl-error0 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-gsi-proxy-core0 6.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-proxy-ssl1 4.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-openssl-module0 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-rsl2 9.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64_P
globus-gass-cache-dbg 8.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gass-cache-dev 8.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-openssl-dev 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary
libglobus-openssl 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-amd
globus-gass-copy-dbg 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-a
globus-gass-copy-progs 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
libglobus-gass-copy-dev 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gass-transfer-dev 7.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
libglobus-gass-copy-doc 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
globus-gass-server-ez-dbg 4.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
globus-gass-server-ez-progs 4.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
libglobus-gass-server-ez-dev 4.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
globus-gass-transfer-dbg 7.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-gass-transfer-doc 7.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
globus-gatekeeper-dbg 9.11-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
globus-gatekeeper 9.11-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
globus-gfork-dbg 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-gfork0 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
globus-gfork-progs 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-gfork-dev 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-am
libglobus-xio-dev 3.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd6
globus-gram-client-tools-dbg 10.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
globus-gram-client-tools 10.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-rsl-assist2 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary
globus-gram-client-dbg 12.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gram-client-dev 12.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bi
libglobus-gram-protocol-dev 11.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-rsl-dev 9.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd6
libglobus-gram-client-doc 12.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bi
globus-gram-job-manager-callout-error-dbg 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists
libglobus-gram-job-manager-callout-error0 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists
libglobus-gram-job-manager-callout-error-dev 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_di
libglobus-gram-job-manager-callout-error-doc 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_di
globus-gram-job-manager-scripts-doc 4.2-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy
globus-gram-job-manager-scripts 4.2-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_ma
globus-gram-job-manager-setup-condor-doc 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_
globus-gram-job-manager-setup-condor 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_sque
globus-gram-job-manager-setup-fork-doc 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_sq
globus-gram-job-manager-setup-fork 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeez
globus-gram-job-manager-setup-lsf-doc 2.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squ
globus-gram-job-manager-setup-lsf 2.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze
globus-gram-job-manager-setup-pbs-doc 4.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squ
globus-gram-job-manager-setup-pbs 4.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze
globus-gram-job-manager-setup-sge 2.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze
globus-gram-job-manager 13.33-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
globus-gram-job-manager-dbg 13.33-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main
globus-gram-job-manager-doc 13.33-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main
libglobus-scheduler-event-generator0 4.6-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_whee
libglobus-usage0 3.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-libxml2 1.8-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-amd
globus-gram-protocol-dbg 11.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gram-protocol-doc 11.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
globus-gridftp-server-control-dbg 2.5-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_

```


CaNIC-partEMI3Update1 < EMI < TWiki

libglobus-gridftp-server-control0 2.5-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_
libglobus-gridftp-server-control-dev 2.5-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_
libglobus-xio-pipe-driver-dev 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-xio-gsi-driver-dev 2.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-xio-pipe-driver0 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-xio-gsi-driver0 2.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
globus-gridftp-server-dbg 6.10-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gridftp-server0 3.23-1+squeezel /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squee
globus-gridftp-server-progs 6.10-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-gridftp-server-dev 6.10-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-usage-dev 3.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-am
globus-gsi-callback-dbg 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gsi-callback-dev 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-proxy-ssl-dev 4.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
libglobus-openssl-module-dev 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-gsi-openssl-error-dev 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_ma
libglobus-gsi-cert-utils-dev 8.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-gsi-sysconfig-dev 5.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
libglobus-gsi-callback-doc 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
globus-gsi-cert-utils-dbg 8.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
globus-gsi-cert-utils-progs 8.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
globus-openssl-progs 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-
libglobus-gsi-cert-utils-doc 8.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
globus-gsi-credential-dbg 5.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-credential-dev 5.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-gsi-credential-doc 5.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
globus-gsi-openssl-error-dbg 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-gsi-openssl-error-doc 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_ma
globus-gsi-proxy-core-dbg 6.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-proxy-core-dev 6.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-gsi-proxy-core-doc 6.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
globus-gsi-proxy-ssl-dbg 4.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-gsi-proxy-ssl-doc 4.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
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CaNIC-partEMI3Update1 < EMI < TWiki

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nordugrid-arc-plugins-needed 3.0.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_de

CaNIC-partEMI3Update1 < EMI < TWiki

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libglite-lbu-db3 3.2.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_s
libglite-lbu-log1 1.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
glite-lbjp-common-log 1.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
glite-lb-logger-msg-dbg 1.2.8-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_

CaNIC-partEMI3Update1 < EMI < TWiki

libactivemq-cpp12 3.2.5-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_
glite-lb-logger-dbg 2.4.15-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
glite-lb-logger-dev 2.4.15-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
libglite-lbjp-common-log-dev 1.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_de
glite-lb-server-dbg 3.0.7-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dist
libglite-lb-state-machine6 2.0.4-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
libglite-lbu-maildir2 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
libglite-lbu-server-bones2 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
glite-lb-state-machine-dbg 2.0.4-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
glite-lb-state-machine-plugins 2.0.4-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_
libglite-lb-state-machine-dev 2.0.4-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
glite-lb-utils-dbg 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
libglite-jp-common2 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dist
glite-lb-ws-test-dbg 1.4.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
glite-lb-ws-interface 4.0.4-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
glite-lbjp-common-db-dbg 3.2.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
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glite-lbjp-common-gsoap-plugin-dbg 3.2.7-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EM
glite-lbjp-common-gss-dbg 3.2.11-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
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libglite-lbjp-common-jp-interface-dev 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist
glite-lbjp-common-log-dbg 1.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
glite-lbjp-common-maildir-dbg 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
libglite-lbjp-common-maildir-dev 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_
glite-lbjp-common-server-bones-dbg 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EM
libglite-lbjp-common-server-bones-dev 2.3.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist
glite-lbjp-common-trio-dbg 2.3.8-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
libglite-lbjp-common-trio-dev 2.3.8-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
libglite-wms-utils-classad 3.4.1-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
libglite-wms-utils-exception 3.4.1-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_de
emi-px 1.0.2-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_mai
glite-px-myproxy-yaim 4.1.12-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
glite-px-proxyrenewal-dbg 1.3.31-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
libglite-security-proxyrenewal1 1.3.31-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_
glite-px-proxyrenewal-progs 1.3.31-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_de
glite-px-proxyrenewal 1.3.31-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
libglite-security-proxyrenewal-dev 1.3.31-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_E
lcmaps-plugins-basic-dummy 1.5.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
lcmaps-plugins-basic-ldap 1.5.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
liblcmaps0 1.5.7-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze
lcmaps-plugins-basic-localaccount 1.5.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI
lcmaps-plugins-basic-poolaccount 1.5.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_
lcmaps-plugins-basic-posixenf 1.5.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
lcmaps-plugins-voms 1.5.5-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dist
liblcmaps-dev 1.5.7-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
lcmaps-globus-interface 1.5.7-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_
liblcmaps-without-gsi-dev 1.5.7-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
lcmaps-basic-interface 1.5.7-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
liblcmaps-without-gsi0 1.5.7-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
unicore-nagios-plugins 2.3.2-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_deb
unicore-ucc6 6.0.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_
unicore-uvos-clc 1.7.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
oracle-compatible 1.0.0-1.deb6.1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
nordugrid-arc-ca-utils 3.0.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
nordugrid-arc-doxygen 3.0.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
nordugrid-arc-gridmap-utils 3.0.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_deb
nordugrid-arc-ldap-monitor 3.0.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
nordugrid-arc-ws-monitor 3.0.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
nordugrid-arc-client-tools 1.0.6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
nordugrid-arc-compute-element 1.0.6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_deb
nordugrid-arc-information-index 1.0.6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
nordugrid-arc-nagios-plugins 1.5.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_de
emi-argus 1.6.0 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_ma
argus-pap 1.6.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
argus-pdp 1.6.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
argus-pep-server 1.6.0-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_s
glite-yaim-argus-server 1.6.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_

CaNIC-partEMI3Update1 < EMI < TWiki

libargus-gsi-pep-callout1 1.3.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
nagios-plugins-argus 1.1.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
libvoms3-java 3.0.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
libargus-pdp-pep-common-java 1.4.0-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_de
libargus-pep-api-java 2.2.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
libargus-pep-common-java 2.3.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
glite-yaim-core 5.1.1-1.deb6.1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
libbcprov146-java 1.46+dfsg-7 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
libcanl-java-axis2 0.1.3-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
libcanl-java-tomcat 0.1.12-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
dcache-server 2.2.4-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
emi-release 3.0.0-2.deb6.1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
emi-trustmanager-axis 2.0.2-1.deb6.1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_de
libglite-jdl-java-doc 3.3.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
libglite-jdl-java 3.3.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_
glite-jobid-api-java 1.3.4-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
emi-lb-nagios-plugins 1.2.9-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
lcg-infosites 3.1.0-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
lcg-info 1.12.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
emi-mpi 1.0.2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_main
mpi-start 1.5.0 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_ma
glite-yaim-mpi 1.1.12 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
lcmapi-openssl-interface 1.5.7-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
sts 1.0.0-0 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_main_b
unicore-tsi6 5.1.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_
unicore-configurator 1.0.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
unicore-unicorex6 6.0.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
unicore-gateway6 5.0.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
unicore-hila-emi-es 2.4.0-1.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
unicore-hila-shell 2.4.0-1.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_
unicore-hila-gridftp 2.4.0-1.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
unicore-hila-unicore6 2.4.0-1.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debi
unicore-registry6 6.0.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_d
unicore-uvos-server 1.6.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
unicore-uvos-webapp 1.6.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
unicore-uvos-webauth 1.6.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
unicore-xuudb 2.0.0-0.deb6 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
libbcmmail146-java 1.46+dfsg-7 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
voms-clients3 3.0.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
glite-yaim-clients 5.2.0-1.deb6.1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
libdelegation-java 3.0.13-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dist
emi-emir 1.2.1-0 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_m
mongodb-10gen 2.4.0 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeez
emi.amga.amga-server 2.4.0-1.deb6.1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_deb
emi.amga.amga-cli 2.4.0-1.deb6.1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian
ees 0.1.4-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_main_b
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libxacml0 1.1.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
glexec-utils 0.9.8-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squee
glexec 0.9.8-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_mai
lcmapi-plugins-verify-proxy 1.5.4-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_deb
lcas-interface 1.3.19-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sq
lcas-plugins-basic 1.3.6-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
liblcas0 1.3.19-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
lcas-plugins-check-executable 1.2.4-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
lcas-plugins-voms 1.3.11-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
lcmapi-plugins-afs 1.4.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
lcmapi-plugins-c-pep 1.2.3-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
lcmapi-plugins-tracking-groupid 0.1.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3
libeef-dev 0.1.4-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze
libees-pepd-oh-java-doc 0.1.3-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_
libees-pepd-oh-java 0.1.3-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dist
libeics-dev 0.1.4-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeez
liblcas-dev 1.3.19-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
libxacml-dev 1.1.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squee
nagios-plugins-ees 0.2.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists

CaNIC-partEMI3Update1 < EMI < TWiki

```
nagios-plugins-glexec 0.3.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
xacml-runtime 1.1.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
lcas-lcmaps-gt4-interface 0.2.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
libaxis2j 1.6.1-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
oracle-instantclient-basic 10.2.0.5-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
oracle-instantclient-devel 10.2.0.5-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
activemq-cpp-dbg 3.2.5-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_s
activemq-cpp-dev 3.2.5-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_s
activemq-cpp-examples 3.2.5-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
emi-pkgconfig-compatible 1.0.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
```

Test Repo Contents

```
ca-nics-myproxy 1.52-1 /var/lib/apt/lists/repository.egi.eu_sw_production_cas_1_current_dists_egi
ca-PSC-Myproxy-CA 1.52-1 /var/lib/apt/lists/repository.egi.eu_sw_production_cas_1_current_dists_e
libcanl-c2 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_id_7a
libcanl-c-dev 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_id
libcanl-c-examples 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_a
libcanl-java 1.2.0-0.deb6 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_ap
libcanl-java-doc 1.2.0-0.deb6 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registere
libcanl-c2-dbg 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_i
libcanl-c-examples-dbg 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_register
```

Process

```
wget --no-verbose http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/dists/squeeze/main/binary-
dpkg -i emi-release_3.0.0-2.deb6.1_all.deb
apt-key adv --fetch-keys http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
aptitude update
```

```
aptitude install -y --allow-untrusted libcanl-c-examples
```

```
wget --no-verbose -P /etc/apt/sources.list.d http://etics-repository.cern.ch/repository/pm/regist
cat > /etc/apt/preferences.d/etics <<EOF
Package: *
Pin: origin "etics-repository.cern.ch"
Pin-Priority: 650
EOF
apt-get update
```

```
aptitude -y --allow-untrusted dist-upgrade
```

Full Output of the Installation

```
Selecting previously deselected package emi-release.
(Reading database ... 32149 files and directories currently installed.)
Unpacking emi-release (from emi-release_3.0.0-2.deb6.1_all.deb) ...
Setting up emi-release (3.0.0-2.deb6.1) ...
Executing: gpg --ignore-time-conflict --no-options --no-default-keyring --secret-keyring /etc/apt
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Hit http://ftp.cz.debian.org squeeze/main Sources
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Get:1 http://emisoft.web.cern.ch squeeze Release.gpg [198 B]
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Hit http://security.debian.org squeeze/updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Hit http://repository.egi.eu egi-igtf Release.gpg
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtf/core Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/third-party Translation-en
Get:2 http://emisoft.web.cern.ch squeeze-updates Release.gpg [198 B]
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates Release
Hit http://security.debian.org wheezy/updates Release
Hit http://repository.egi.eu egi-igtf Release
Get:3 http://emisoft.web.cern.ch squeeze Release [4061 B]
Get:4 http://emisoft.web.cern.ch squeeze-updates Release [3812 B]
Hit http://security.debian.org squeeze/updates/main Sources
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Get:5 http://emisoft.web.cern.ch squeeze/main Sources [43.8 kB]
Hit http://repository.egi.eu egi-igtf/core amd64 Packages
Get:6 http://emisoft.web.cern.ch squeeze/third-party Sources [20 B]
Get:7 http://emisoft.web.cern.ch squeeze/main amd64 Packages [48.1 kB]
Get:8 http://emisoft.web.cern.ch squeeze/third-party amd64 Packages [7693 B]
Get:9 http://emisoft.web.cern.ch squeeze-updates/main Sources [20 B]
Get:10 http://emisoft.web.cern.ch squeeze-updates/main amd64 Packages [20 B]
Fetched 108 kB in 1s (90.0 kB/s)
Reading package lists...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
Reading task descriptions...
The following NEW packages will be installed:
  libc-ares2{a} libcanl-c-examples libcanl-c2{a}
0 packages upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 134 kB of archives. After unpacking 358 kB will be used.
Writing extended state information...
Get:1 http://ftp.cz.debian.org/debian/ squeeze/main libc-ares2 amd64 1.7.3-1squeeze1 [52.8 kB]
Get:2 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libcanl-c2 amd64 2.0.9-1
Get:3 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libcanl-c-examples amd64
Fetched 134 kB in 0s (620 kB/s)
Selecting previously deselected package libc-ares2.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
(Reading database ... 32154 files and directories currently installed.)
Unpacking libc-ares2 (from .../libc-ares2_1.7.3-1squeeze1_amd64.deb) ...
Selecting previously deselected package libcanl-c2.
Unpacking libcanl-c2 (from .../libcanl-c2_2.0.9-1_amd64.deb) ...
Selecting previously deselected package libcanl-c-examples.
Unpacking libcanl-c-examples (from .../libcanl-c-examples_2.0.9-1_amd64.deb) ...
Setting up libc-ares2 (1.7.3-1squeeze1) ...
Setting up libcanl-c2 (2.0.9-1) ...
Setting up libcanl-c-examples (2.0.9-1) ...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
Reading task descriptions...
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Hit http://ftp.cz.debian.org squeeze/main Sources
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
Hit http://security.debian.org squeeze/updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Hit http://repository.egi.eu egi-igtf Release.gpg
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtf/core Translation-en
Hit http://emisoft.web.cern.ch squeeze Release.gpg
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/third-party Translation-en
Hit http://emisoft.web.cern.ch squeeze-updates Release.gpg
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates/main Translation-en
Ign http://etics-repository.cern.ch stable Release.gpg
Ign http://etics-repository.cern.ch/repository/pm/registered/apt/id/7a5171c7-a753-447d-839c-faacf
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates Release
Hit http://security.debian.org wheezy/updates Release
Hit http://repository.egi.eu egi-igtf Release
Hit http://emisoft.web.cern.ch squeeze Release
Hit http://emisoft.web.cern.ch squeeze-updates Release
Ign http://etics-repository.cern.ch stable Release
Hit http://security.debian.org squeeze/updates/main Sources
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/main Sources
Hit http://repository.egi.eu egi-igtf/core amd64 Packages
Get:1 http://etics-repository.cern.ch stable/main amd64 Packages [2577 B]
Hit http://emisoft.web.cern.ch squeeze/third-party Sources
Hit http://emisoft.web.cern.ch squeeze/main amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/third-party amd64 Packages
Hit http://emisoft.web.cern.ch squeeze-updates/main Sources
Hit http://emisoft.web.cern.ch squeeze-updates/main amd64 Packages
Fetched 2577 B in 0s (2596 B/s)
Reading package lists...
Reading package lists...
Building dependency tree...
```



```

Reading state information...
Reading extended state information...
Initializing package states...
Reading task descriptions...
No packages will be installed, upgraded, or removed.
0 packages upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 0 B of archives. After unpacking 0 B will be used.
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Reading task descriptions...

```

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```

Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Reading package lists...
Building dependency tree...
Reading state information...
cvs is already the newest version.
wget is already the newest version.
The following extra packages will be installed:
 autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev g++
 g++-4.4 gettext git intltool-debian libalgorithm-diff-perl
 libalgorithm-diff-xs-perl libalgorithm-merge-perl libapt-pkg-perl
 libclass-accessor-perl libcroco3 libcurl3-gnutls libdpkg-perl liberror-perl
 libfont-afm-perl libglobus-callout0 libglobus-common0
 libglobus-gsi-callback0 libglobus-gsi-cert-utils0 libglobus-gsi-credential1
 libglobus-gsi-openssl-error0 libglobus-gsi-proxy-core0
 libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1 libglobus-gss-assist3
 libglobus-gssapi-gsi4 libglobus-libtool libglobus-openssl
 libglobus-openssl-module0 libhtml-format-perl libhtml-parser-perl
 libhtml-tagset-perl libhtml-template-perl libhtml-tree-perl libidn11
 libio-pty-perl libio-string-perl libipc-run-perl libltdl7 libmailtools-perl
 libparse-debianchangelog-perl libstdc++6-4.4-dev libsub-name-perl
 libtimedate-perl libunistring0 liburi-perl libvomsapi1 libwww-perl
 libxml-namespacesupport-perl libxml-parser-perl libxml-sax-expat-perl
 libxml-sax-perl libxml-simple-perl libxml2 rsync

```

Suggested packages:

```

 bzip2-doc debian-keyring g++-multilib g++-4.4-multilib gcc-4.4-doc
 libstdc++6-4.4-dbg gettext-doc git-doc git-arch git-cvs git-svn git-email
 git-daemon-run git-gui gitk gitweb libdata-dump-perl libipc-sharedcache-perl
 libstdc++6-4.4-doc libcrypt-ssleay-perl libio-socket-ssl-perl
 binutils-multiarch libtext-template-perl

```

The following NEW packages will be installed:

```

 autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev g++
 g++-4.4 gettext git globus-proxy-utils intltool-debian
 libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl
 libapt-pkg-perl libclass-accessor-perl libcroco3 libcurl3-gnutls
 libdpkg-perl liberror-perl libfont-afm-perl libglobus-callout0
 libglobus-common0 libglobus-gsi-callback0 libglobus-gsi-cert-utils0
 libglobus-gsi-credential1 libglobus-gsi-openssl-error0
 libglobus-gsi-proxy-core0 libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1
 libglobus-gss-assist3 libglobus-gssapi-gsi4 libglobus-libtool
 libglobus-openssl libglobus-openssl-module0 libhtml-format-perl
 libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
 libhtml-tree-perl libidn11 libio-pty-perl libio-string-perl libipc-run-perl
 libltdl7 libmailtools-perl libparse-debianchangelog-perl libstdc++6-4.4-dev

```

CaNIC-partEMI3Update1 < EMI < TWiki

```
libsub-name-perl libtimedate-perl libunistring0 liburi-perl libvomsapil
libwww-perl libxml-namespacesupport-perl libxml-parser-perl
libxml-sax-expat-perl libxml-sax-perl libxml-simple-perl libxml2 lintian
lsuf rsync voms-clients
0 upgraded, 65 newly installed, 0 to remove and 0 not upgraded.
Need to get 23.9 MB of archives.
After this operation, 66.2 MB of additional disk space will be used.
Get:1 http://ftp.cz.debian.org/debian/ squeeze/main libidn11 amd64 1.15-2 [158 kB]
Get:2 http://ftp.cz.debian.org/debian/ squeeze/main lsuf amd64 4.81.dfsg.1-1 [282 kB]
Get:3 http://security.debian.org/ squeeze/updates/main libxml2 amd64 2.7.8.dfsg-2+squeeze7 [874 k
Get:4 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libvomsapil amd64 2.0.10
Get:5 http://ftp.cz.debian.org/debian/ squeeze/main ca-certificates all 20090814+nmu3squeeze1 [14
Get:6 http://ftp.cz.debian.org/debian/ squeeze/main libcurl3-gnutls amd64 7.21.0-2.1+squeeze2 [26
Get:7 http://ftp.cz.debian.org/debian/ squeeze/main liberror-perl all 0.17-1 [23.6 kB]
Get:8 http://ftp.cz.debian.org/debian/ squeeze/main git amd64 1:1.7.2.5-3 [5274 kB]
Get:9 http://ftp.cz.debian.org/debian/ squeeze/main autopoint all 0.18.1.1-3 [627 kB]
Get:10 http://ftp.cz.debian.org/debian/ squeeze/main libstdc++6-4.4-dev amd64 4.4.5-8 [1526 kB]
Get:11 http://ftp.cz.debian.org/debian/ squeeze/main g++-4.4 amd64 4.4.5-8 [5515 kB]
Get:12 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main voms-clients amd64 2.0.
Get:13 http://ftp.cz.debian.org/debian/ squeeze/main g++ amd64 4:4.4.5-1 [1376 B]
Get:14 http://ftp.cz.debian.org/debian/ squeeze/main libtimedate-perl all 1.2000-1 [41.2 kB]
Get:15 http://ftp.cz.debian.org/debian/ squeeze/main libdpkg-perl all 1.15.8.13 [695 kB]
Get:16 http://ftp.cz.debian.org/debian/ squeeze/main bzip2 amd64 1.0.5-6+squeeze1 [50.5 kB]
Get:17 http://ftp.cz.debian.org/debian/ squeeze/main dpkg-dev all 1.15.8.13 [813 kB]
Get:18 http://ftp.cz.debian.org/debian/ squeeze/main build-essential amd64 11.5 [7178 B]
Get:19 http://ftp.cz.debian.org/debian/ squeeze/main diffstat amd64 1.53-1 [28.5 kB]
Get:20 http://ftp.cz.debian.org/debian/ squeeze/main libcroco3 amd64 0.6.2-1 [125 kB]
Get:21 http://ftp.cz.debian.org/debian/ squeeze/main libunistring0 amd64 0.9.3-3 [437 kB]
Get:22 http://ftp.cz.debian.org/debian/ squeeze/main gettext amd64 0.18.1.1-3 [2076 kB]
Get:23 http://ftp.cz.debian.org/debian/ squeeze/main libltdl7 amd64 2.2.6b-2 [296 kB]
Get:24 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-libtool amd64 1.2-6 [2586 B]
Get:25 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-common0 amd64 11.5-2 [105 kB]
Get:26 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-callout0 amd64 0.7-6 [9264 B]
Get:27 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl amd64 5.1-1 [2650 B]
Get:28 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-openssl-error0 amd64 0.14-6 [8
Get:29 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-ssl1 amd64 2.3-1 [11.0 k
Get:30 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl-module0 amd64 1.3-1 [6488
Get:31 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-cert-utils0 amd64 6.6-1 [11.2
Get:32 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-sysconfig1 amd64 3.1-2 [20.9 k
Get:33 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-callback0 amd64 2.7-1 [32.2 kB]
Get:34 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-credential1 amd64 3.5-1 [26.3
Get:35 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-core0 amd64 4.5-1 [26.9
Get:36 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gssapi-gsi4 amd64 7.5-2 [48.7 kB]
Get:37 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gss-assist3 amd64 5.9-1 [23.6 kB]
Get:38 http://ftp.cz.debian.org/debian/ squeeze/main globus-proxy-utils amd64 3.9-1 [37.7 kB]
Get:39 http://ftp.cz.debian.org/debian/ squeeze/main intltool-debian all 0.35.0+20060710.1 [30.8
Get:40 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-diff-perl all 1.19.02-2 [51.5 k
Get:41 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-diff-xs-perl amd64 0.04-1 [13.4
Get:42 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-merge-perl all 0.08-2 [13.5 kB]
Get:43 http://ftp.cz.debian.org/debian/ squeeze/main libapt-pkg-perl amd64 0.1.24+b1 [91.5 kB]
Get:44 http://ftp.cz.debian.org/debian/ squeeze/main libsub-name-perl amd64 0.04-1 [10.4 kB]
Get:45 http://ftp.cz.debian.org/debian/ squeeze/main libclass-accessor-perl all 0.34-1 [25.9 kB]
Get:46 http://ftp.cz.debian.org/debian/ squeeze/main libfont-afm-perl all 1.20-1 [14.4 kB]
Get:47 http://ftp.cz.debian.org/debian/ squeeze/main liburi-perl all 1.54-2 [98.5 kB]
Get:48 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tagset-perl all 3.20-2 [13.5 kB]
Get:49 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-parser-perl amd64 3.66-1 [115 kB]
Get:50 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tree-perl all 3.23-2 [209 kB]
Get:51 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-format-perl all 2.04-2 [39.5 kB]
Get:52 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-template-perl all 2.9-2 [65.9 kB]
Get:53 http://ftp.cz.debian.org/debian/ squeeze/main libio-pty-perl amd64 1:1.08-1 [42.5 kB]
Get:54 http://ftp.cz.debian.org/debian/ squeeze/main libio-string-perl all 1.08-2 [12.0 kB]
Get:55 http://ftp.cz.debian.org/debian/ squeeze/main libipc-run-perl all 0.89-1 [109 kB]
Get:56 http://ftp.cz.debian.org/debian/ squeeze/main libmailtools-perl all 2.06-1 [97.4 kB]
Get:57 http://ftp.cz.debian.org/debian/ squeeze/main libparse-debianchangelog-perl all 1.1.1-2.1
Get:58 http://ftp.cz.debian.org/debian/ squeeze/main libwww-perl all 5.836-1 [401 kB]
Get:59 http://ftp.cz.debian.org/debian/ squeeze/main libxml-namespacesupport-perl all 1.09-3 [15.
Get:60 http://ftp.cz.debian.org/debian/ squeeze/main libxml-parser-perl amd64 2.36-1.1+b1 [297 kB]
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Get:61 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-perl all 0.96+dfsg-2 [86.0 kB]
Get:62 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-expat-perl all 0.40-1 [12.5 kB]
Get:63 http://ftp.cz.debian.org/debian/ squeeze/main libxml-simple-perl all 2.18-3 [72.8 kB]
Get:64 http://ftp.cz.debian.org/debian/ squeeze/main lintian all 2.4.3+squeeze1 [546 kB]
Get:65 http://ftp.cz.debian.org/debian/ squeeze/main rsync amd64 3.0.7-2 [359 kB]
Preconfiguring packages ...
Fetched 23.9 MB in 1s (17.3 MB/s)
Selecting previously deselected package libidn11.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 32171 files and directories currently installed.)
Unpacking libidn11 (from ../libidn11_1.15-2_amd64.deb) ...
Selecting previously deselected package lsof.
Unpacking lsof (from ../lsof_4.81.dfsg.1-1_amd64.deb) ...
Selecting previously deselected package ca-certificates.
Unpacking ca-certificates (from ../ca-certificates_20090814+nmu3squeeze1_all.deb) ...
Selecting previously deselected package libcurl3-gnutls.
Unpacking libcurl3-gnutls (from ../libcurl3-gnutls_7.21.0-2.1+squeeze2_amd64.deb) ...
Selecting previously deselected package liberror-perl.
Unpacking liberror-perl (from ../liberror-perl_0.17-1_all.deb) ...
Selecting previously deselected package git.
Unpacking git (from ../git_1%3a1.7.2.5-3_amd64.deb) ...
Selecting previously deselected package autopoint.
Unpacking autopoint (from ../autopoint_0.18.1.1-3_all.deb) ...
Selecting previously deselected package libstdc++6-4.4-dev.
Unpacking libstdc++6-4.4-dev (from ../libstdc++6-4.4-dev_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++-4.4.
Unpacking g++-4.4 (from ../g++-4.4_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++.
Unpacking g++ (from ../g++_4%3a4.4.5-1_amd64.deb) ...
Selecting previously deselected package libtimedate-perl.
Unpacking libtimedate-perl (from ../libtimedate-perl_1.2000-1_all.deb) ...
Selecting previously deselected package libdpkg-perl.
Unpacking libdpkg-perl (from ../libdpkg-perl_1.15.8.13_all.deb) ...
Selecting previously deselected package bzip2.
Unpacking bzip2 (from ../bzip2_1.0.5-6+squeeze1_amd64.deb) ...
Selecting previously deselected package dpkg-dev.
Unpacking dpkg-dev (from ../dpkg-dev_1.15.8.13_all.deb) ...
Selecting previously deselected package build-essential.
Unpacking build-essential (from ../build-essential_11.5_amd64.deb) ...
Selecting previously deselected package diffstat.
Unpacking diffstat (from ../diffstat_1.53-1_amd64.deb) ...
Selecting previously deselected package libxml2.
Unpacking libxml2 (from ../libxml2_2.7.8.dfsg-2+squeeze7_amd64.deb) ...
Selecting previously deselected package libcroc03.
Unpacking libcroc03 (from ../libcroc03_0.6.2-1_amd64.deb) ...
Selecting previously deselected package libunistring0.
Unpacking libunistring0 (from ../libunistring0_0.9.3-3_amd64.deb) ...
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Selecting previously deselected package gettext.
Unpacking gettext (from ../gettext_0.18.1.1-3_amd64.deb) ...
Selecting previously deselected package libltdl7.
Unpacking libltdl7 (from ../libltdl7_2.2.6b-2_amd64.deb) ...
Selecting previously deselected package libglobus-libtool.
Unpacking libglobus-libtool (from ../libglobus-libtool_1.2-6_amd64.deb) ...
Selecting previously deselected package libglobus-common0.
Unpacking libglobus-common0 (from ../libglobus-common0_11.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-callout0.
Unpacking libglobus-callout0 (from ../libglobus-callout0_0.7-6_amd64.deb) ...
Selecting previously deselected package libglobus-openssl.
Unpacking libglobus-openssl (from ../libglobus-openssl_5.1-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-openssl-error0.
Unpacking libglobus-gsi-openssl-error0 (from ../libglobus-gsi-openssl-error0_0.14-6_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-ssl1.
Unpacking libglobus-gsi-proxy-ssl1 (from ../libglobus-gsi-proxy-ssl1_2.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-openssl-module0.
Unpacking libglobus-openssl-module0 (from ../libglobus-openssl-module0_1.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-cert-utils0.
Unpacking libglobus-gsi-cert-utils0 (from ../libglobus-gsi-cert-utils0_6.6-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-sysconfig1.
Unpacking libglobus-gsi-sysconfig1 (from ../libglobus-gsi-sysconfig1_3.1-2_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-callback0.
Unpacking libglobus-gsi-callback0 (from ../libglobus-gsi-callback0_2.7-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-credential1.
Unpacking libglobus-gsi-credential1 (from ../libglobus-gsi-credential1_3.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-core0.
Unpacking libglobus-gsi-proxy-core0 (from ../libglobus-gsi-proxy-core0_4.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gssapi-gsi4.
Unpacking libglobus-gssapi-gsi4 (from ../libglobus-gssapi-gsi4_7.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-gss-assist3.
Unpacking libglobus-gss-assist3 (from ../libglobus-gss-assist3_5.9-1_amd64.deb) ...
Selecting previously deselected package globus-proxy-utils.
Unpacking globus-proxy-utils (from ../globus-proxy-utils_3.9-1_amd64.deb) ...
Selecting previously deselected package intltool-debian.
Unpacking intltool-debian (from ../intltool-debian_0.35.0+20060710.1_all.deb) ...
Selecting previously deselected package libalgorithm-diff-perl.
Unpacking libalgorithm-diff-perl (from ../libalgorithm-diff-perl_1.19.02-2_all.deb) ...
Selecting previously deselected package libalgorithm-diff-xs-perl.
Unpacking libalgorithm-diff-xs-perl (from ../libalgorithm-diff-xs-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libalgorithm-merge-perl.
Unpacking libalgorithm-merge-perl (from ../libalgorithm-merge-perl_0.08-2_all.deb) ...
Selecting previously deselected package libapt-pkg-perl.
Unpacking libapt-pkg-perl (from ../libapt-pkg-perl_0.1.24+b1_amd64.deb) ...
Selecting previously deselected package libsub-name-perl.
Unpacking libsub-name-perl (from ../libsub-name-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libclass-accessor-perl.
Unpacking libclass-accessor-perl (from ../libclass-accessor-perl_0.34-1_all.deb) ...
Selecting previously deselected package libfont-afm-perl.
Unpacking libfont-afm-perl (from ../libfont-afm-perl_1.20-1_all.deb) ...
Selecting previously deselected package liburi-perl.
Unpacking liburi-perl (from ../liburi-perl_1.54-2_all.deb) ...
Selecting previously deselected package libhtml-tagset-perl.
Unpacking libhtml-tagset-perl (from ../libhtml-tagset-perl_3.20-2_all.deb) ...
Selecting previously deselected package libhtml-parser-perl.
Unpacking libhtml-parser-perl (from ../libhtml-parser-perl_3.66-1_amd64.deb) ...
Selecting previously deselected package libhtml-tree-perl.
Unpacking libhtml-tree-perl (from ../libhtml-tree-perl_3.23-2_all.deb) ...
Selecting previously deselected package libhtml-format-perl.
Unpacking libhtml-format-perl (from ../libhtml-format-perl_2.04-2_all.deb) ...
Selecting previously deselected package libhtml-template-perl.
Unpacking libhtml-template-perl (from ../libhtml-template-perl_2.9-2_all.deb) ...
Selecting previously deselected package libio-pty-perl.
Unpacking libio-pty-perl (from ../libio-pty-perl_1%3a1.08-1_amd64.deb) ...
Selecting previously deselected package libio-string-perl.
Unpacking libio-string-perl (from ../libio-string-perl_1.08-2_all.deb) ...
Selecting previously deselected package libipc-run-perl.
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Unpacking libipc-run-perl (from ../libipc-run-perl_0.89-1_all.deb) ...
Selecting previously deselected package libmailtools-perl.
Unpacking libmailtools-perl (from ../libmailtools-perl_2.06-1_all.deb) ...
Selecting previously deselected package libparse-debianchangelog-perl.
Unpacking libparse-debianchangelog-perl (from ../libparse-debianchangelog-perl_1.1.1-2.1_all.deb) ...
Selecting previously deselected package libvomsapi1.
Unpacking libvomsapi1 (from ../libvomsapi1_2.0.10-1_amd64.deb) ...
Selecting previously deselected package libwww-perl.
Unpacking libwww-perl (from ../libwww-perl_5.836-1_all.deb) ...
Selecting previously deselected package libxml-namespacesupport-perl.
Unpacking libxml-namespacesupport-perl (from ../libxml-namespacesupport-perl_1.09-3_all.deb) ...
Selecting previously deselected package libxml-parser-perl.
Unpacking libxml-parser-perl (from ../libxml-parser-perl_2.36-1.1+b1_amd64.deb) ...
Selecting previously deselected package libxml-sax-perl.
Unpacking libxml-sax-perl (from ../libxml-sax-perl_0.96+dfsg-2_all.deb) ...
Selecting previously deselected package libxml-sax-expat-perl.
Unpacking libxml-sax-expat-perl (from ../libxml-sax-expat-perl_0.40-1_all.deb) ...
Selecting previously deselected package libxml-simple-perl.
Unpacking libxml-simple-perl (from ../libxml-simple-perl_2.18-3_all.deb) ...
Selecting previously deselected package lintian.
Unpacking lintian (from ../lintian_2.4.3+squeeze1_all.deb) ...
Selecting previously deselected package rsync.
Unpacking rsync (from ../rsync_3.0.7-2_amd64.deb) ...
Selecting previously deselected package voms-clients.
Unpacking voms-clients (from ../voms-clients_2.0.10-1_amd64.deb) ...
Processing triggers for man-db ...
Processing triggers for install-info ...
Setting up libidn11 (1.15-2) ...
Setting up lsof (4.81.dfsg.1-1) ...
Setting up ca-certificates (20090814+nmu3squeeze1) ...
Updating certificates in /etc/ssl/certs... WARNING: Skipping duplicate certificate brasil.gov.br.
140 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d....done.
Setting up libcurl3-gnutls (7.21.0-2.1+squeeze2) ...
Setting up liberror-perl (0.17-1) ...
Setting up git (1:1.7.2.5-3) ...
Setting up autopoint (0.18.1.1-3) ...
Setting up libtimedate-perl (1.2000-1) ...
Setting up libdpkg-perl (1.15.8.13) ...
Setting up bzip2 (1.0.5-6+squeeze1) ...
Setting up dpkg-dev (1.15.8.13) ...
Setting up diffstat (1.53-1) ...
Setting up libxml2 (2.7.8.dfsg-2+squeeze7) ...
Setting up libcroco3 (0.6.2-1) ...
Setting up libunistring0 (0.9.3-3) ...
Setting up gettext (0.18.1.1-3) ...
Setting up libltdl7 (2.2.6b-2) ...
Setting up libglobus-libtool (1.2-6) ...
Setting up libglobus-common0 (11.5-2) ...
Setting up libglobus-callout0 (0.7-6) ...
Setting up libglobus-openssl (5.1-1) ...
Setting up libglobus-gsi-openssl-error0 (0.14-6) ...
Setting up libglobus-gsi-proxy-ssl1 (2.3-1) ...
Setting up libglobus-openssl-module0 (1.3-1) ...
Setting up libglobus-gsi-cert-utils0 (6.6-1) ...
Setting up libglobus-gsi-sysconfig1 (3.1-2) ...
Setting up libglobus-gsi-callback0 (2.7-1) ...
Setting up libglobus-gsi-credential1 (3.5-1) ...
Setting up libglobus-gsi-proxy-core0 (4.5-1) ...
Setting up libglobus-gssapi-gsi4 (7.5-2) ...
Setting up libglobus-gss-assist3 (5.9-1) ...
Setting up globus-proxy-utils (3.9-1) ...
Setting up intltool-debian (0.35.0+20060710.1) ...
Setting up libalgorithm-diff-perl (1.19.02-2) ...
Setting up libalgorithm-diff-xs-perl (0.04-1) ...
Setting up libalgorithm-merge-perl (0.08-2) ...
Setting up libapt-pkg-perl (0.1.24+b1) ...
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Setting up libsub-name-perl (0.04-1) ...
Setting up libclass-accessor-perl (0.34-1) ...
Setting up libfont-afm-perl (1.20-1) ...
Setting up liburi-perl (1.54-2) ...
Setting up libhtml-tagset-perl (3.20-2) ...
Setting up libhtml-parser-perl (3.66-1) ...
Setting up libhtml-tree-perl (3.23-2) ...
Setting up libhtml-format-perl (2.04-2) ...
Setting up libhtml-template-perl (2.9-2) ...
Setting up libio-pty-perl (1:1.08-1) ...
Setting up libio-string-perl (1.08-2) ...
Setting up libipc-run-perl (0.89-1) ...
Setting up libmailtools-perl (2.06-1) ...
Setting up libparse-debianchangelog-perl (1.1.1-2.1) ...
Setting up libvomsapil (2.0.10-1) ...
Setting up libwww-perl (5.836-1) ...
Setting up libxml-namespacesupport-perl (1.09-3) ...
Setting up libxml-parser-perl (2.36-1.1+b1) ...
Setting up libxml-sax-perl (0.96+dfsg-2) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::PurePerl with priority 10...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...

Creating config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-sax-expat-perl (0.40-1) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::Expat with priority 50...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...
Replacing config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-simple-perl (2.18-3) ...
Setting up lintian (2.4.3+squeezel) ...
Generating en_US.UTF-8 locale for internal Lintian use....
Setting up rsync (3.0.7-2) ...
Setting up voms-clients (2.0.10-1) ...
Setting up libstdc++6-4.4-dev (4.4.5-8) ...
Setting up g++-4.4 (4.4.5-8) ...
Setting up g++ (4:4.4.5-1) ...
update-alternatives: using /usr/bin/g++ to provide /usr/bin/c++ (c++) in auto mode.
Setting up build-essential (11.5) ...
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
```

```

`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:13:16 nympha8-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:13:16 nympha8-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:13:16 nympha8-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]

received: This is a testing message to send server: waiting for connections... [SERVER] connection

established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"

sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

[CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Minor upgrade from production (EMI-3), Scientific 5 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha10-2.zcu.cz
Duration	0 min
Testbed uptime	20:11:49 up 4 min, 0 users, load average: 1.05, 1.00, 0.46

Production Repo Contents

```
semmsg-plugins-py 1.3.2 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
lcmads-plugins-basic-ldap 1.5.1 EMI-3-base
glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
glue-validator 1.0.5 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
glite-wms-purger 3.5.0 EMI-3-base
glite-build-common-cpp 3.3.3 EMI-3-base
glite-lb-yaim 4.5.8 EMI-3-base
gridsite-libs 2.0.4 EMI-3-base
glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
lcg-infosites 3.1.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
semmsg-plugins-lcgdm 1.3.2 EMI-3-base
glite-wms-brokerinfo-access 3.5.0 EMI-3-base
glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
glite-info-plugin-fcr 3.0.5 EMI-3-base
glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
emi-voms-mysql 1.1.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
glite-wms-jobsubmission-devel 3.5.0 EMI-3-base
glite-wms-configuration 3.5.0 EMI-3-base
storm-xmlrpc-c-client 1.25.10 EMI-3-base
voms-admin-server 3.0.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
glite-lb-types 2.0.5 EMI-3-base
storm-srm-client 1.6.0 EMI-3-base
lcas-plugins-basic 1.3.6 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
glite-lb-client-devel 6.0.5 EMI-3-base
lcmads-globus-interface 1.5.7 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi.saga-adapter.context-cpp-debuginfo 1.0.2 EMI-3-base
```



```

gridsite-debuginfo 2.0.4 EMI-3-base
glite-lb-state-machine-devel 2.0.4 EMI-3-base
lcgdm-tests 1.8.4 EMI-3-base
glite-px-myproxy-yaim 4.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base
lcmads-plugins-voms-debuginfo 1.5.5 EMI-3-base
glite-wms-core 3.5.0 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
lcgdm-tests-debuginfo 1.8.4 EMI-3-base
mongo-10gen-server 2.0.4 EMI-3-third-party
gfalFS-debuginfo 1.0.1 EMI-3-base
glite-lb-client-java 2.0.2 EMI-3-base
globus-gridftp-server-control 2.7 EMI-3-third-party
storm-xmlrpc-c 1.25.10 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
lcmads-plugins-basic 1.5.1 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
voms-oracle-plugin-debuginfo 3.1.15 EMI-3-base
dcache-srmclient-debuginfo 2.2.4 EMI-3-base
maui-server 3.3 EMI-3-third-party
storm-xmlrpc-c-c++ 1.25.10 EMI-3-base
glite-lbjp-common-server-bones 2.3.6 EMI-3-base
glite-lb-common-devel 9.0.5 EMI-3-base
gfal2-python 1.1.0 EMI-3-base
emi.saga-adapter.isn-cpp-debuginfo 1.0.3 EMI-3-base
tstorm 2.0.1 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
ees-pepd-oh 0.1.3 EMI-3-base
emir-serp 1.2.1 EMI-3-base
sensor-host 1.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
bouncycastle146-javadoc 1.46 EMI-3-base
dcap 2.47.7 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
gridftp-ifce 2.3.0 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
globus-gss-assist 8.6 EMI-3-third-party
wnodes_nameserver 2.0.4 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
glite-lbjp-common-log 1.3.6 EMI-3-base
glite-yaim-bdii 4.3.13 EMI-3-base
emi-wms-nagios 3.5.0 EMI-3-base
glite-lbjp-common-maildir 2.3.6 EMI-3-base
glite-lb-client 6.0.5 EMI-3-base
kill-stale-ftp 1.0.1 EMI-3-base
dpm 1.8.6 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
bouncycastle146-mail 1.46 EMI-3-third-party
CGSI-gSOAP 1.3.5 EMI-3-base
emi-wms 3.5.0 EMI-3-base
lcg-expiregridmapdir 3.0.1 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
fts2-devel 2.2.9 EMI-3-base
lcg-tags 0.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
dpm-perl 1.8.6 EMI-3-base
xrootd-client-admin-java 3.2.7 EMI-3-third-party
lcmads-plugins-voms 1.5.5 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
voms-api-java3 3.0.0 EMI-3-base

```

cx_Oracle 5.0.3 EMI-3-third-party
 glite-wms-ui-api-python 3.5.0 EMI-3-base
 glue-validator-cron 1.0.2 EMI-3-base
 davix-debuginfo 0.0.27 EMI-3-base
 apel-parsers 1.0.0 EMI-3-base
 nordugrid-arc-acix-index 3.0.0 EMI-3-base
 lib64ldap2.4_2 2.4.22 EMI-3-third-party
 glite-lb-client-java-debuginfo 2.0.2 EMI-3-base
 gfalFS 1.0.1 EMI-3-base
 apel-client 1.0.0 EMI-3-base
 xacml 1.1.2 EMI-3-base
 glite-lb-state-machine-plugins 2.0.4 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 glite-yaim-clients 5.2.0 EMI-3-base
 nordugrid-arc-arex 3.0.0 EMI-3-base
 unicore-xuudb 2.0.0 EMI-3-base
 emi-trustmanager-axis 2.0.2 EMI-3-third-party
 lcmaps-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 voms-mysql-plugin 3.1.6 EMI-3-base
 lfc-libs 1.8.6 EMI-3-base
 glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
 globus-ftp-control-devel 4.4 EMI-3-third-party
 xacml-devel 1.1.2 EMI-3-base
 unicore-tsi6 5.1.0 EMI-3-base
 emi-storm-gridhttps-mp 1.0.0 EMI-3-base
 unicore-nagios-plugins 2.3.2 EMI-3-base
 dpm-copy-server-mysql 1.8.6 EMI-3-base
 a1_grid_env-debuginfo 3.0.2 EMI-3-base
 glite-wms-wmproxy-api-cpp-doc 3.5.0 EMI-3-base
 emi-emir 1.2.1 EMI-3-base
 lcmaps-devel 1.5.7 EMI-3-base
 wnodes_hypervisor 2.0.5 EMI-3-base
 pseudonymity-common 1.1.1 EMI-3-base
 bdii 5.2.17 EMI-3-base
 pseudonymity-server 1.1.1 EMI-3-base
 globus-io-debuginfo 9.3 EMI-3-third-party
 emi.amga.amga-server 2.4.0 EMI-3-base
 emi-cream-nagios 1.0.1 EMI-3-base
 sts 1.0.0 EMI-3-base
 nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
 lcgdm-oracle-debuginfo 1.8.6 EMI-3-base
 glite-lbjp-common-trio 2.3.8 EMI-3-base
 glite-lb-utils-debuginfo 2.3.6 EMI-3-base
 info-dynamic-scheduler-slurm 1.0.0 EMI-3-base
 nagios-plugins-glexec 0.3.2 EMI-3-base
 edg-mkgridmap 4.0.0 EMI-3-base
 srm-ifce-devel 1.14.0 EMI-3-base
 lcg-util 1.14.0 EMI-3-base
 nordugrid-arc-debuginfo 3.0.0 EMI-3-base
 nordugrid-arc-egiis 3.0.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 unicore-unicorex6 6.0.0 EMI-3-base
 CGSI-gSOAP 1.3.5 EMI-3-base
 glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
 glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
 ees 0.1.4 EMI-3-base
 dpm-dsi-debuginfo 1.8.3 EMI-3-base
 emi.dcache.srm-probes 1.0.0 EMI-3-base
 argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
 storm-xmlrpc-c-client++ 1.25.10 EMI-3-base
 lfc-python26 1.8.6 EMI-3-base
 lcgdm-dav-debuginfo 0.11.0 EMI-3-base
 nagios-plugins-voms 1.0.0 EMI-3-base
 gwt-lib 1.7.1 EMI-3-third-party
 lcgdm-dav 0.11.0 EMI-3-base
 dcap-devel 2.47.7 EMI-3-base

```

maven 2.2.1 EMI-3-third-party
nagios-plugins-fts 1.0.1 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base
dcap-tunnel-telnet 2.47.7 EMI-3-base
globus-gridftp-server-control-devel 2.7 EMI-3-third-party
lcgdm-dav 0.11.0 EMI-3-base
semmsg_libs 1.3.2 EMI-3-base
gfal-python 1.14.0 EMI-3-base
emi-slurm-utils 1.0.1 EMI-3-base
davix-devel 0.0.27 EMI-3-base
openldap2.4 2.4.22 EMI-3-third-party
lcg-ManagementVOTag 4.0.0 EMI-3-base
globus-ftp-control-devel 4.4 EMI-3-third-party
unicore-uvos-server 1.6.0 EMI-3-base
glite-ce-monitor-client-devel 1.15.1 EMI-3-base
dpm_libs 1.8.6 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
lcmapi-basic-interface 1.5.7 EMI-3-base
sensor-common 1.0.0 EMI-3-base
nordugrid-arc-python26 3.0.0 EMI-3-base
glexec-wrapper-scripts 0.0.7 EMI-3-base
nagios-plugins-dpm-head 0.9.4 EMI-3-base
python-simplejson 2.0.9 EMI-3-third-party
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dpm-devel 1.8.6 EMI-3-base
emi.amga.amga-server-debuginfo 2.4.0 EMI-3-base
lcmapi-plugins-basic-debuginfo 1.5.1 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
dcap_libs 2.47.7 EMI-3-base
globus-io 9.3 EMI-3-third-party
glite-lbjp-common-db 3.2.6 EMI-3-base
nordugrid-arc-python 3.0.0 EMI-3-base
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gridsite-devel 2.0.4 EMI-3-base
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glite-info-provider-ldap 1.4.4 EMI-3-base
canl-c 2.0.9 EMI-3-base
is-interface-debuginfo 1.14.0 EMI-3-base
emi-trustmanager-axis2 1.0.1 EMI-3-third-party
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maui-client 3.3 EMI-3-third-party
axis1.4 1.4 EMI-3-third-party
unicore-hila-shell 2.4.0 EMI-3-base
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pseudonymity-ui 1.1.1 EMI-3-base
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davix_libs 0.0.27 EMI-3-base
emi-bdii-site 1.0.1 EMI-3-base
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c-check 0.9.8 EMI-3-third-party
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
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nordugrid-arc-client 3.0.0 EMI-3-base
glite-wms-utils-classad-devel 3.4.1 EMI-3-base
emi-bdii-top 1.0.1 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
semmsg-devel 1.3.2 EMI-3-base
gsoap2.7-devel 2.7.6b EMI-3-third-party
emi.saga-adapter.sd-cpp-debuginfo 1.0.4 EMI-3-base
argus-gsi-pep-callout 1.3.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
lcmapi-plugins-afs 1.4.0 EMI-3-base
bdii-config-top 1.0.7 EMI-3-base
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semmsg 1.3.2 EMI-3-base

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nordugrid-arc 3.0.0 EMI-3-base
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glite-wn-info 1.0.3 EMI-3-base
lcg-info 1.12.2 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
canl-c-devel 2.0.9 EMI-3-base
unicore-configurator 1.0.0 EMI-3-base
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storm-dynamic-info-provider 1.7.4 EMI-3-base
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lcgdm-devel 1.8.6 EMI-3-base
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globus-gridftp-server-devel 6.16 EMI-3-third-party
ant1.8 1.8.2 EMI-3-third-party
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globus-gridftp-server 6.16 EMI-3-third-party
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globus-gridftp-server 6.16 EMI-3-third-party
argus-pepcli-debuginfo 2.2.0 EMI-3-base
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lfc-server-oracle 1.8.6 EMI-3-base
voms-devel 2.0.10 EMI-3-base
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globus-io-devel 9.3 EMI-3-third-party
lcgdm-lib 1.8.6 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
lcgdm-debuginfo 1.8.6 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
lcmapi-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
mpi-start 1.5.0 EMI-3-base
maui-devel 3.3 EMI-3-third-party
maui 3.3 EMI-3-third-party
lcmapi-without-gsi-devel 1.5.7 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
emi.saga-adapter.sd-cpp 1.0.4 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
glite-ce-monitor-client-api-c 1.15.1 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
yaim-argus_server 1.6.0 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
globus-gss-assist-devel 8.6 EMI-3-third-party
lcmapi-plugins-verify-proxy 1.5.4 EMI-3-base
glite-ce-cream-client-api-c 1.15.1 EMI-3-base
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nagios-plugins-argus 1.1.0 EMI-3-base
glite-jobid-api-java 1.3.4 EMI-3-base
lcmapi-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
dpm-name-server-oracle 1.8.6 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
voms-clients3 3.0.0 EMI-3-base

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canl-java-tomcat 0.1.12 EMI-3-base
 glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
 glite-yaim-core 5.1.1 EMI-3-base
 dpm-nfs-debuginfo 0.6.2 EMI-3-base
 gfal2-debuginfo 2.1.0 EMI-3-base
 emi-voms-oracle 1.1.0 EMI-3-base
 emi-trustmanager 3.1.4 EMI-3-third-party
 gfal2-utils-debuginfo 0.0.14 EMI-3-base
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 glexec-debuginfo 0.9.8 EMI-3-base
 emi.saga-adapter.isn-common 1.0.1 EMI-3-base
 globus-io-devel 9.3 EMI-3-third-party
 lcas-debuginfo 1.3.19 EMI-3-base
 a1_grid_env 3.0.2 EMI-3-base
 glite-lb-client-progs 6.0.5 EMI-3-base
 lfc-libs 1.8.6 EMI-3-base
 nordugrid-arc-information-index 1.0.6 EMI-3-base
 glite-wms-common-devel 3.5.0 EMI-3-base
 emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
 dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
 nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
 emi-version 3.0.0 EMI-3-base
 xrootd-debuginfo 3.2.7 EMI-3-third-party
 emi-mpi 1.0.2 EMI-3-base
 glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
 glite-jdl-api-cpp 3.4.1 EMI-3-base
 emi-torque-client 1.0.0 EMI-3-base
 emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
 emi-version-debuginfo 3.0.0 EMI-3-base
 globus-gss-assist-devel 8.6 EMI-3-third-party
 glite-info-site 0.4.0 EMI-3-base
 glite-wms-ui-commands 3.5.0 EMI-3-base
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 glite-lb-utils 2.3.6 EMI-3-base
 glite-jdl-api-java 3.3.1 EMI-3-base
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 argus-pepcli 2.2.0 EMI-3-base
 gfal-doc 1.14.0 EMI-3-base
 lcmaps-without-gsi 1.5.7 EMI-3-base
 condor-lcg 1.2.0 EMI-3-third-party
 glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
 glite-wms-purger-devel 3.5.0 EMI-3-base
 glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
 lfc 1.8.6 EMI-3-base
 globus-gss-assist 8.6 EMI-3-third-party
 sensor-service 1.0.0 EMI-3-base
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 nordugrid-arc-acix-core 3.0.0 EMI-3-base
 glite-wms-core-devel 3.5.0 EMI-3-base
 glite-initscript-globus-gridftp 1.0.4 EMI-3-base
 glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
 voms-api-java3-javadoc 3.0.0 EMI-3-base
 emi-argus 1.6.0 EMI-3-base
 argus-pep-api-c 2.2.0 EMI-3-base
 glite-lb-client-debuginfo 6.0.5 EMI-3-base
 nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
 semsg-debuginfo 1.3.2 EMI-3-base
 nordugrid-arc-acix-cache 3.0.0 EMI-3-base
 fts2-client-debuginfo 2.2.9 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lfc-perl 1.8.6 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
 glite-lb-logger-devel 2.4.15 EMI-3-base
 dpm-dsi-devel 1.8.3 EMI-3-base
 dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
 canl-java-axis2 0.1.3 EMI-3-base

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nordugrid-arc-hed 3.0.0 EMI-3-base
glite-info-static 0.2.0 EMI-3-base
storm-frontend-server 1.8.1 EMI-3-base
lcas-lcmaps-gt4-interface 0.2.6 EMI-3-third-party
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lcgdm-dav-devel 0.11.0 EMI-3-base
glite-wms-jobsubmission-lib 3.5.0 EMI-3-base
nordugrid-arc-java 3.0.0 EMI-3-base
emi-torque-server 1.0.0 EMI-3-base
emi-slurm-client 1.0.1 EMI-3-base
lcg-util-python26 1.14.0 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
emi-px 1.0.2 EMI-3-base
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emi-ui 3.0.0 EMI-3-base
glite-ce-monitor-cli 1.15.1 EMI-3-base
storm-globus-gridftp-server 1.2.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
emi-dcache-clients 1.0.0 EMI-3-base
glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
SAGA.lsu-cpp.engine 1.6.0 EMI-3-third-party
glite-lb-harvester 1.3.8 EMI-3-base
mongo-l0gen 2.0.4 EMI-3-third-party
glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
gfal-debuginfo 1.14.0 EMI-3-base
globus-io 9.3 EMI-3-third-party
lcgdm-devel 1.8.6 EMI-3-base
glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
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glite-lb-logger 2.4.15 EMI-3-base
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glite-wms-interface 3.5.0 EMI-3-base
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unicore-gateway6 5.0.0 EMI-3-base
dpm-srm-server-oracle 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
glite-jobid-api-c 2.2.7 EMI-3-base
condor-emi 7.8.0 EMI-3-third-party
dpm-rfio-server 1.8.6 EMI-3-base
emi.saga-adapter.context-cpp 1.0.2 EMI-3-base
semmsg-plugins-debuginfo 1.3.2 EMI-3-base
glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
globus-ftp-control-doc 4.4 EMI-3-third-party
sensor-run 1.0.0 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
voms-clients 2.0.10 EMI-3-base
openldap2.4-clients 2.4.22 EMI-3-third-party
wnodes_cloud 1.0.0 EMI-3-base
gridftp-ifce 2.3.0 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
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gfal 1.14.0 EMI-3-base
glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
voms-oracle-plugin 3.1.15 EMI-3-base
emi-pkgconfig-compatible 1.0.1 EMI-3-third-party
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argus-pap 1.6.0 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base

```

yaim-storm 4.3.0 EMI-3-base
dpm-python26 1.8.6 EMI-3-base
globus-gridftp-server-control-devel 2.7 EMI-3-third-party
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apr1.4-devel 1.4.2 EMI-3-third-party
glite-ce-cream-cli 1.15.1 EMI-3-base
glite-wms-jobsubmission 3.5.0 EMI-3-base
mkgltmpdir 0.0.3 EMI-3-base
voms-doc 2.0.10 EMI-3-base
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lcmads-debuginfo 1.5.7 EMI-3-base
lcg-util-python 1.14.0 EMI-3-base
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voms-mysql-plugin-debuginfo 3.1.6 EMI-3-base
nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
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nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
glite-wms-utils-exception-devel 3.4.1 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base
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editline 2.9 EMI-3-third-party
argus-pep-server 1.6.0 EMI-3-base
globus-gridftp-server-devel 6.16 EMI-3-third-party
bdii-config-site 1.0.7 EMI-3-base
lcas-plugins-voms 1.3.11 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
lcmads-plugins-afs-debuginfo 1.4.0 EMI-3-base
nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
gfal2-utils 0.0.14 EMI-3-base
activemq 5.4.2 EMI-3-third-party
glite-lb-ws-interface 4.0.4 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
glite-wms-brokerinfo-access-doc 3.5.0 EMI-3-base
globus-gridftp-server-control 2.7 EMI-3-third-party
lfc-dli 1.8.6 EMI-3-base
argus-pdp 1.6.0 EMI-3-base
emi-maven-common-debuginfo 1.0.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
globus-gss-assist-debuginfo 8.6 EMI-3-third-party
gfal-devel 1.14.0 EMI-3-base
ees-pepd-oh-javadoc 0.1.3 EMI-3-base
lfc-server-mysql 1.8.6 EMI-3-base
globus-gridftp-server-progs 6.16 EMI-3-third-party
voms-debuginfo 2.0.10 EMI-3-base
condor 7.4.2 EMI-3-third-party
lcg-util-devel 1.14.0 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
activemq-cpp-library 3.2.5 EMI-3-third-party
glite-wms-brokerinfo-access-lib 3.5.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
canl-c++ 1.0.0 EMI-3-base
lcmads-openssl-interface 1.5.7 EMI-3-base
nordugrid-arc-doxxygen 3.0.0 EMI-3-base
dcap-tunnel-ssl 2.47.7 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
voms 2.0.10 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
gridsite 2.0.4 EMI-3-base
gfal-python26 1.14.0 EMI-3-base

lcg-util-libs 1.14.0 EMI-3-base
 glxec 0.9.8 EMI-3-base
 glite-lb-server 3.0.7 EMI-3-base
 glite-wms-brokerinfo-access-devel 3.5.0 EMI-3-base
 voms-devel 2.0.10 EMI-3-base
 glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 semsg-server 1.3.2 EMI-3-base
 dmlite-debuginfo 0.4.2 EMI-3-base
 glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
 nagios-plugins-dpm-disk 0.9.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 CGSI-gSOAP-devel 1.3.5 EMI-3-base
 fts2-client 2.2.9 EMI-3-base
 lcg-pbs-utils 2.0.0 EMI-3-base
 globus-gss-assist-doc 8.6 EMI-3-third-party
 lcg-pbs-utils-debuginfo 2.0.0 EMI-3-base
 glite-px-proxyrenewal 1.3.31 EMI-3-base
 nordugrid-arc-devel 3.0.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 dpm-yaim 4.2.9 EMI-3-base
 glite-wms-utils-classad 3.4.1 EMI-3-base
 glite-lb-doc 1.4.11 EMI-3-base
 lcmaps-plugins-c-pep 1.2.3 EMI-3-base
 dcap-devel 2.47.7 EMI-3-base
 storm-xmlrpc-c-apps 1.25.10 EMI-3-base
 nordugrid-arc-arcs 3.0.0 EMI-3-base
 CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
 globus-ftp-control-debuginfo 4.4 EMI-3-third-party
 apel-server 1.0.0 EMI-3-base
 gfal2-python-doc 1.1.0 EMI-3-base
 glue-schema 2.0.10 EMI-3-base
 lcmaps-plugins-tracking-groupid 0.1.0 EMI-3-base
 emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
 gridsite-service-clients 2.0.4 EMI-3-base
 lcas-devel 1.3.19 EMI-3-base
 voms-admin-client 2.0.18 EMI-3-base
 emi-torque-utils 2.0.1 EMI-3-base
 nagios-plugins-lfc 0.9.4 EMI-3-base
 dpm-dsi-devel 1.8.3 EMI-3-base
 nordugrid-arc-devel 3.0.0 EMI-3-base
 emi-resource-information-service 1.0.3 EMI-3-base
 emi.saga-adapter.isn-cpp 1.0.3 EMI-3-base
 sensor-api 1.0.0 EMI-3-base
 emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
 delegation-java 3.0.13 EMI-3-base
 glite-jdl-api-java-doc 3.3.1 EMI-3-base
 yaim-glexec-wn 2.3.3 EMI-3-base
 unicore-ucc6 6.0.0 EMI-3-base
 apr-util1.3-devel 1.3.10 EMI-3-third-party
 glite-wms-common 3.5.0 EMI-3-base
 glite-lbjp-common-log-devel 1.3.6 EMI-3-base
 davix-doc 0.0.27 EMI-3-base
 openldap2.4-extra-schemas 1.3 EMI-3-third-party
 glite-lb-server-debuginfo 3.0.7 EMI-3-base
 wnodes_site_specific 2.0.2 EMI-3-base
 storm-pre-assembled-configuration 1.1.0 EMI-3-base
 nordugrid-arc-client-tools 1.0.6 EMI-3-base
 nordugrid-arc-doc 1.3.0 EMI-3-base
 storm-gridhttps-server 2.0.0 EMI-3-base
 nordugrid-arc-misc-utils 3.0.0 EMI-3-base
 emi.amga.amga-cli-debuginfo 2.4.0 EMI-3-base
 dpm-copy-server-oracle 1.8.6 EMI-3-base
 lcgdm-dav-server 0.11.0 EMI-3-base
 gridsite-commands 2.0.4 EMI-3-base
 dcache-server 2.2.4 EMI-3-base
 dcap-tunnel-krb 2.47.7 EMI-3-base


```
axis2 1.6.1 EMI-3-third-party
lcmaps 1.5.7 EMI-3-base
glite-lb-common 9.0.5 EMI-3-base
gfal 1.14.0 EMI-3-base
emi-trustmanager-tomcat 3.0.1 EMI-3-third-party
glite-jdl-api-cpp-doc 3.4.1 EMI-3-base
canl-c++-devel 1.0.0 EMI-3-base
emi-release 3.0.0 EMI-3-base
bouncycastle146 1.46 EMI-3-base
dynsched-generic 2.5.1 EMI-3-base
dcap-debuginfo 2.47.7 EMI-3-base
storm-backend-server 1.11.0 EMI-3-base
voms 2.0.10 EMI-3-base
lcg-util-debuginfo 1.14.0 EMI-3-base
glite-jdl-api-cpp-devel 3.4.1 EMI-3-base
glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
emi-lb 1.0.2 EMI-3-base
globus-gss-assist-progs 8.6 EMI-3-third-party
ees-devel 0.1.4 EMI-3-base
lcas 1.3.19 EMI-3-base
glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
apel-lib 1.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
is-interface 1.14.0 EMI-3-base
davix 0.0.27 EMI-3-base
voms-server 2.0.10 EMI-3-base
glite-info-update-endpoints 2.0.12 EMI-3-base
lcg-info-dynamic-scheduler-pbs 2.4.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
glite-lb-logger-msg 1.2.8 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
mm-mysql 3.1.8 EMI-3-third-party
gfal2-python-debuginfo 1.1.0 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
glite-service-discovery-api-c 2.2.3 EMI-3-third-party
glexec-wn 1.2.0 EMI-3-base
glite-lbjp-common-gss 3.2.11 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
glite-wms-ice 3.5.0 EMI-3-base
openldap2.4-servers 2.4.22 EMI-3-third-party
glite-lb-logger-debuginfo 2.4.15 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
```

Test Repo Contents

```
canl-c-devel 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-java 1.2.0 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-doc 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-examples 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/5/x86_64/epel-release-5-4.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s15/x86_64/base/emi-release-3.0.0-2.el5.noarch.rpm
yum install -y --nogpgcheck canl-c canl-c-examples
cd /etc/yum.repos.d
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/234202dc-06a
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/5/x86_64/epel-release-5-4.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: downloadonly, kernel-module
Excluding Packages from SL 5 base
Finished
Reducing SL 5 base jdk to included packages only
Finished
Excluding Packages from SL 5 security updates
Finished
Reducing SL 5 security updates jdk only to included packages only
Finished
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-priorities.noarch 0:1.1.16-21.e15 set to be updated
---> Package yum-protectbase.noarch 0:1.1.16-21.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved

=====
Package                Arch             Version          Repository        Size
=====
Installing:
yum-priorities         noarch          1.1.16-21.e15   sl-base           16 k
yum-protectbase       noarch          1.1.16-21.e15   sl-base           14 k
=====

Transaction Summary
=====
Install      2 Package(s)
Upgrade     0 Package(s)

Total download size: 29 k
Downloading Packages:
-----
Total                145 kB/s | 29 kB      00:00
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

  Installing      : yum-protectbase                      1/2

  Installing      : yum-priorities                      2/2

Installed:
  yum-priorities.noarch 0:1.1.16-21.e15  yum-protectbase.noarch 0:1.1.16-21.e15

Complete!
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl5/x86_64/base/emi-release-3.0.0-2.e15.
Preparing... #####
emi-release #####
Loaded plugins: downloadonly, kernel-module, priorities, protectbase
```

CaNIC-partEMI3Update1 < EMI < TWiki

```

Excluding Packages from SL 5 base
Finished
Reducing SL 5 base jdk to included packages only
Finished
Excluding Packages from SL 5 security updates
Finished
Reducing SL 5 security updates jdk only to included packages only
Finished
377 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.i386 0:2.0.9-1.e15 set to be updated
--> Processing Dependency: libcares.so.2 for package: canl-c
---> Package canl-c.x86_64 0:2.0.9-1.e15 set to be updated
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c
---> Package canl-c-examples.x86_64 0:2.0.9-1.e15 set to be updated
--> Running transaction check
---> Package c-ares.i386 0:1.6.0-5.e15 set to be updated
---> Package c-ares.x86_64 0:1.6.0-5.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

```

=====
Package                Arch             Version          Repository       Size
=====
Installing:
canl-c                  i386             2.0.9-1.e15     EMI-3-base      69 k
canl-c                  x86_64           2.0.9-1.e15     EMI-3-base      69 k
canl-c-examples         x86_64           2.0.9-1.e15     EMI-3-base      12 k
Installing for dependencies:
c-ares                  i386             1.6.0-5.e15     sl-base          49 k
c-ares                  x86_64           1.6.0-5.e15     sl-base          49 k

```

Transaction Summary

```

=====
Install      5 Package(s)
Upgrade     0 Package(s)

```

Total download size: 248 k
Downloading Packages:

```

-----
Total                               407 kB/s | 248 kB      00:00

```

```

Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

```

```

Installing      : c-ares                               1/5
Installing      : canl-c                               2/5
Installing      : c-ares                               3/5
Installing      : canl-c                               4/5
Installing      : canl-c-examples                     5/5

```

```

Installed:
canl-c.i386 0:2.0.9-1.e15          canl-c.x86_64 0:2.0.9-1.e15
canl-c-examples.x86_64 0:2.0.9-1.e15

```

CaNIC-partEMI3Update1 < EMI < TWiki

Dependency Installed:

c-ares.i386 0:1.6.0-5.e15 c-ares.x86_64 0:1.6.0-5.e15

Complete!

/tmp/org.glite.testsuites.ctb/CANL-C/tests

Loaded plugins: downloadonly, kernel-module, priorities, protectbase

Excluding Packages from SL 5 base

Finished

Reducing SL 5 base jdk to included packages only

Finished

Excluding Packages from SL 5 security updates

Finished

Reducing SL 5 security updates jdk only to included packages only

Finished

390 packages excluded due to repository priority protections

0 packages excluded due to repository protections

Setting up Upgrade Process

Resolving Dependencies

--> Running transaction check

---> Package canl-c.x86_64 0:2.1.1-1.e15 set to be updated

---> Package canl-c-examples.x86_64 0:2.1.1-1.e15 set to be updated

--> Finished Dependency Resolution

Beginning Kernel Module Plugin

Finished Kernel Module Plugin

Dependencies Resolved

```
=====
```

Package	Arch	Version	Repository	Size
Updating:				
canl-c	x86_64	2.1.1-1.e15	ETICS-registered-build-234202dc-06	69 k
canl-c-examples	x86_64	2.1.1-1.e15	ETICS-registered-build-234202dc-06	12 k

Transaction Summary

```
=====
```

Install	0 Package(s)
Upgrade	2 Package(s)

Total download size: 82 k

Downloading Packages:

Total	53 kB/s 82 kB	00:01
-------	-----------------	-------

Running rpm_check_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

Updating	: canl-c	1/4
Updating	: canl-c-examples	2/4
Cleanup	: canl-c	3/4
Cleanup	: canl-c-examples	4/4

Updated:

canl-c.x86_64 0:2.1.1-1.e15 canl-c-examples.x86_64 0:2.1.1-1.e15

Complete!

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```

Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.11.4-3.el5_8.2.x86_64 already installed and latest version
Package lsof-4.78-6.x86_64 already installed and latest version
Package cvs-1.11.22-11.el5_8.1.x86_64 already installed and latest version
~/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> ~/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh

```

```

=====
REAL TESTS START HERE
=====

```

Mar 27 20:11:27 nympha10-2.zcu.cz canl-test-cert-handle.sh: **start**
Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**
 Generating new proxy certificate **done**
 Simulating cert. delegation **done**
Mar 27 20:11:27 nympha10-2.zcu.cz canl-test-cert-handle.sh: end
Mar 27 20:11:27 nympha10-2.zcu.cz canl-test-cs-openssl.sh: start
 Testing if binaries of canl examples are available **done**
 Testing if all binaries are available **done**
 Testing credentials **done**
 Starting openssl server **done**
 CANL client: connecting to openssl server This is the testing message to send? **done**
 Starting canl sample server **done**
 Openssl client: connect to CANL sample server This is a testing message to send? **done**
Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-cs-openssl.sh: end
Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-sec-connection.sh: start
 Testing if binaries of canl examples are available **done**
 Testing if all binaries are available **done**
 Testing credentials **done**
 Testing server with nonexisting host certificates **done**
 Testing server with nonexisting host key **done**
 Testing server with nonexisting host cert and key **done**
 Testing client: connect to server not running **done**
 Testing client: use nonexisting proxy certificate **done**
 Starting canl sample server **done**
 CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send **done**
Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-sec-connection.sh: end
Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-sha2.sh: start
 Testing if binaries of canl examples are available **done**
 Testing if all binaries are available **done**
 Testing credentials **done**
done
 Starting canl sample server **done**
 [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send **done**
Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-sha2.sh: end

```

=====
TESTS END HERE
=====

```

Major upgrade from production (EMI-2 to EMI-3), Scientific 5 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64

CaNIC-partEMI3Update1 < EMI < TWiki

Host	nympha5-2.zcu.cz
Duration	0 min
Testbed uptime	20:13:44 up 5 min, 0 users, load average: 1.02, 0.99, 0.49

Production Repo Contents

```

semsg-plugins-py 1.3.2 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
lcmads-plugins-basic-ldap 1.5.1 EMI-3-base
glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
glue-validator 1.0.5 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
glite-wms-purger 3.5.0 EMI-3-base
glite-build-common-cpp 3.3.3 EMI-3-base
glite-lb-yaim 4.5.8 EMI-3-base
gridsite-libs 2.0.4 EMI-3-base
glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
lcg-infosites 3.1.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
semsg-plugins-lcgdm 1.3.2 EMI-3-base
glite-wms-brokerinfo-access 3.5.0 EMI-3-base
glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
glite-info-plugin-fcr 3.0.5 EMI-3-base
glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
emi-voms-mysql 1.1.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
glite-wms-jobsubmission-devel 3.5.0 EMI-3-base
glite-wms-configuration 3.5.0 EMI-3-base
storm-xmlrpc-c-client 1.25.10 EMI-3-base
voms-admin-server 3.0.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
glite-lb-types 2.0.5 EMI-3-base
storm-srm-client 1.6.0 EMI-3-base
lcas-plugins-basic 1.3.6 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
glite-lb-client-devel 6.0.5 EMI-3-base
lcmads-globus-interface 1.5.7 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi.saga-adapter.context-cpp-debuginfo 1.0.2 EMI-3-base
gridsite-debuginfo 2.0.4 EMI-3-base
glite-lb-state-machine-devel 2.0.4 EMI-3-base
lcgdm-tests 1.8.4 EMI-3-base
glite-px-myproxy-yaim 4.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base
lcmads-plugins-voms-debuginfo 1.5.5 EMI-3-base
glite-wms-core 3.5.0 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
lcgdm-tests-debuginfo 1.8.4 EMI-3-base
mongo-10gen-server 2.0.4 EMI-3-third-party
gfalFS-debuginfo 1.0.1 EMI-3-base
glite-lb-client-java 2.0.2 EMI-3-base
globus-gridftp-server-control 2.7 EMI-3-third-party
storm-xmlrpc-c 1.25.10 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
lcmads-plugins-basic 1.5.1 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
voms-oracle-plugin-debuginfo 3.1.15 EMI-3-base
dcache-srmclient-debuginfo 2.2.4 EMI-3-base
maui-server 3.3 EMI-3-third-party
storm-xmlrpc-c-c++ 1.25.10 EMI-3-base
glite-lbjp-common-server-bones 2.3.6 EMI-3-base
glite-lb-common-devel 9.0.5 EMI-3-base
gfal2-python 1.1.0 EMI-3-base

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emi.saga-adapter.isn-cpp-debuginfo 1.0.3 EMI-3-base
tstorm 2.0.1 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
ees-pepd-oh 0.1.3 EMI-3-base
emir-serp 1.2.1 EMI-3-base
sensor-host 1.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
bouncycastle146-javadoc 1.46 EMI-3-base
dcap 2.47.7 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
gridftp-ifce 2.3.0 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
globus-gss-assist 8.6 EMI-3-third-party
wnodes_nameserver 2.0.4 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
glite-lbjp-common-log 1.3.6 EMI-3-base
glite-yaim-bdii 4.3.13 EMI-3-base
emi-wms-nagios 3.5.0 EMI-3-base
glite-lbjp-common-maildir 2.3.6 EMI-3-base
glite-lb-client 6.0.5 EMI-3-base
kill-stale-ftp 1.0.1 EMI-3-base
dpm 1.8.6 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
bouncycastle146-mail 1.46 EMI-3-third-party
CGSI-gSOAP 1.3.5 EMI-3-base
emi-wms 3.5.0 EMI-3-base
lcg-expiregridmapdir 3.0.1 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
fts2-devel 2.2.9 EMI-3-base
lcg-tags 0.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
dpm-perl 1.8.6 EMI-3-base
xrootd-client-admin-java 3.2.7 EMI-3-third-party
lcmads-plugins-voms 1.5.5 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
voms-api-java3 3.0.0 EMI-3-base
cx_Oracle 5.0.3 EMI-3-third-party
glite-wms-ui-api-python 3.5.0 EMI-3-base
glue-validator-cron 1.0.2 EMI-3-base
davix-debuginfo 0.0.27 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
nordugrid-arc-acix-index 3.0.0 EMI-3-base
lib64ldap2.4_2 2.4.22 EMI-3-third-party
glite-lb-client-java-debuginfo 2.0.2 EMI-3-base
gfalFS 1.0.1 EMI-3-base
apel-client 1.0.0 EMI-3-base
xacml 1.1.2 EMI-3-base
glite-lb-state-machine-plugins 2.0.4 EMI-3-base
is-interface 1.14.0 EMI-3-base
glite-yaim-clients 5.2.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
emi-trustmanager-axis 2.0.2 EMI-3-third-party
lcmads-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
voms-mysql-plugin 3.1.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
globus-ftp-control-devel 4.4 EMI-3-third-party
xacml-devel 1.1.2 EMI-3-base

unicore-tsi6 5.1.0 EMI-3-base
 emi-storm-gridhttps-mp 1.0.0 EMI-3-base
 unicore-nagios-plugins 2.3.2 EMI-3-base
 dpm-copy-server-mysql 1.8.6 EMI-3-base
 al_grid_env-debuginfo 3.0.2 EMI-3-base
 glite-wms-wmproxy-api-cpp-doc 3.5.0 EMI-3-base
 emi-emir 1.2.1 EMI-3-base
 lcmaps-devel 1.5.7 EMI-3-base
 wnodes_hypervisor 2.0.5 EMI-3-base
 pseudonymity-common 1.1.1 EMI-3-base
 bdii 5.2.17 EMI-3-base
 pseudonymity-server 1.1.1 EMI-3-base
 globus-io-debuginfo 9.3 EMI-3-third-party
 emi.amga.amga-server 2.4.0 EMI-3-base
 emi-cream-nagios 1.0.1 EMI-3-base
 sts 1.0.0 EMI-3-base
 nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
 lcgdm-oracle-debuginfo 1.8.6 EMI-3-base
 glite-lbjp-common-trio 2.3.8 EMI-3-base
 glite-lb-utils-debuginfo 2.3.6 EMI-3-base
 info-dynamic-scheduler-slurm 1.0.0 EMI-3-base
 nagios-plugins-glexec 0.3.2 EMI-3-base
 edg-mkgridmap 4.0.0 EMI-3-base
 srm-ifce-devel 1.14.0 EMI-3-base
 lcg-util 1.14.0 EMI-3-base
 nordugrid-arc-debuginfo 3.0.0 EMI-3-base
 nordugrid-arc-egiis 3.0.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 unicore-unicorex6 6.0.0 EMI-3-base
 CGSI-gSOAP 1.3.5 EMI-3-base
 glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
 glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
 ees 0.1.4 EMI-3-base
 dpm-dsi-debuginfo 1.8.3 EMI-3-base
 emi.dcache.srm-probes 1.0.0 EMI-3-base
 argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
 storm-xmlrpc-c-client++ 1.25.10 EMI-3-base
 lfc-python26 1.8.6 EMI-3-base
 lcgdm-dav-debuginfo 0.11.0 EMI-3-base
 nagios-plugins-voms 1.0.0 EMI-3-base
 gwt-lib 1.7.1 EMI-3-third-party
 lcgdm-dav 0.11.0 EMI-3-base
 dcap-devel 2.47.7 EMI-3-base
 maven 2.2.1 EMI-3-third-party
 nagios-plugins-fts 1.0.1 EMI-3-base
 nordugrid-arc-gridftpd 3.0.0 EMI-3-base
 dcap-tunnel-telnet 2.47.7 EMI-3-base
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 lcgdm-dav 0.11.0 EMI-3-base
 semsg-lib 1.3.2 EMI-3-base
 gfal-python 1.14.0 EMI-3-base
 emi-slurm-utils 1.0.1 EMI-3-base
 davix-devel 0.0.27 EMI-3-base
 openldap2.4 2.4.22 EMI-3-third-party
 lcg-ManageVOTag 4.0.0 EMI-3-base
 globus-ftp-control-devel 4.4 EMI-3-third-party
 unicore-uvos-server 1.6.0 EMI-3-base
 glite-ce-monitor-client-devel 1.15.1 EMI-3-base
 dpm-libs 1.8.6 EMI-3-base
 CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
 lcmaps-basic-interface 1.5.7 EMI-3-base
 sensor-common 1.0.0 EMI-3-base
 nordugrid-arc-python26 3.0.0 EMI-3-base
 glexec-wrapper-scripts 0.0.7 EMI-3-base
 nagios-plugins-dpm-head 0.9.4 EMI-3-base
 python-simplejson 2.0.9 EMI-3-third-party
 emi-lb-nagios-plugins 1.2.9 EMI-3-base

dpm-devel 1.8.6 EMI-3-base
emi.amga.amga-server-debuginfo 2.4.0 EMI-3-base
lcmaps-plugins-basic-debuginfo 1.5.1 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
globus-io 9.3 EMI-3-third-party
glite-lbjp-common-db 3.2.6 EMI-3-base
nordugrid-arc-python 3.0.0 EMI-3-base
glite-yaim-torque-server 5.1.0 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base
jug 1.1 EMI-3-third-party
glite-info-provider-ldap 1.4.4 EMI-3-base
canl-c 2.0.9 EMI-3-base
is-interface-debuginfo 1.14.0 EMI-3-base
emi-trustmanager-axis2 1.0.1 EMI-3-third-party
glite-lb-common-debuginfo 9.0.5 EMI-3-base
maui-client 3.3 EMI-3-third-party
axis1.4 1.4 EMI-3-third-party
unicore-hila-shell 2.4.0 EMI-3-base
emi-trustmanager-test 2.0.2 EMI-3-third-party
nagios-plugins-lcgdm 0.9.4 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
glite-jobid-api-c-devel 2.2.7 EMI-3-base
davix-libs 0.0.27 EMI-3-base
emi-bdii-site 1.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
c-check 0.9.8 EMI-3-third-party
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
glite-wms-utils-exception 3.4.1 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
glite-wms-utils-classad-devel 3.4.1 EMI-3-base
emi-bdii-top 1.0.1 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
semmsg-devel 1.3.2 EMI-3-base
gsoap2.7-devel 2.7.6b EMI-3-third-party
emi.saga-adapter.sd-cpp-debuginfo 1.0.4 EMI-3-base
argus-gsi-pep-callout 1.3.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
lcmaps-plugins-afs 1.4.0 EMI-3-base
bdii-config-top 1.0.7 EMI-3-base
jclassads 2.4.0 EMI-3-third-party
emi-dpm_mysql 1.8.6 EMI-3-base
semmsg 1.3.2 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
lcg-util-devel 1.14.0 EMI-3-base
storm-xmlrpc-c-devel 1.25.10 EMI-3-base
lcgdm-libs 1.8.6 EMI-3-base
glite-ce-wsdl 1.15.1 EMI-3-base
emi.amga.amga-cli 2.4.0 EMI-3-base
glite-yaim-torque-utils 5.1.1 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dcache-srmclient 2.2.4 EMI-3-base
gridftp-ifce-debuginfo 2.3.0 EMI-3-base
glite-wn-info 1.0.3 EMI-3-base
lcg-info 1.12.2 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
canl-c-devel 2.0.9 EMI-3-base
unicore-configurator 1.0.0 EMI-3-base
glite-wms-wmproxy-api-cpp-devel 3.5.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
lcgdm-devel 1.8.6 EMI-3-base
storm-xmlrpc-c-debuginfo 1.25.10 EMI-3-base
globus-gridftp-server-devel 6.16 EMI-3-third-party
ant1.8 1.8.2 EMI-3-third-party
dpm-server-oracle 1.8.6 EMI-3-base

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globus-gridftp-server 6.16 EMI-3-third-party
emi-storm-srm-client-mp 1.0.0 EMI-3-base
globus-gridftp-server 6.16 EMI-3-third-party
argus-pepcli-debuginfo 2.2.0 EMI-3-base
glite-info-provider-service 1.12.0 EMI-3-base
lfc-server-oracle 1.8.6 EMI-3-base
voms-devel 2.0.10 EMI-3-base
glite-service-discovery-bdii-c 2.2.0 EMI-3-third-party
globus-io-devel 9.3 EMI-3-third-party
lcgdm-libs 1.8.6 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
lcgdm-debuginfo 1.8.6 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
lcmads-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
mpi-start 1.5.0 EMI-3-base
maui-devel 3.3 EMI-3-third-party
maui 3.3 EMI-3-third-party
lcmads-without-gsi-devel 1.5.7 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
emi.saga-adapter.sd-cpp 1.0.4 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
glite-ce-monitor-client-api-c 1.15.1 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
yaim-argus_server 1.6.0 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
globus-gss-assist-devel 8.6 EMI-3-third-party
lcmads-plugins-verify-proxy 1.5.4 EMI-3-base
glite-ce-cream-client-api-c 1.15.1 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
nagios-plugins-argus 1.1.0 EMI-3-base
glite-jobid-api-java 1.3.4 EMI-3-base
lcmads-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
dpm-name-server-oracle 1.8.6 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
voms-clients3 3.0.0 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
glite-yaim-core 5.1.1 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
gfal2-debuginfo 2.1.0 EMI-3-base
emi-voms-oracle 1.1.0 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-third-party
gfal2-utils-debuginfo 0.0.14 EMI-3-base
lcas-plugins-check-executable 1.2.4 EMI-3-base
glexec-debuginfo 0.9.8 EMI-3-base
emi.saga-adapter.isn-common 1.0.1 EMI-3-base
globus-io-devel 9.3 EMI-3-third-party
lcas-debuginfo 1.3.19 EMI-3-base
a1_grid_env 3.0.2 EMI-3-base
glite-lb-client-progs 6.0.5 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
nordugrid-arc-information-index 1.0.6 EMI-3-base
glite-wms-common-devel 3.5.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
emi-version 3.0.0 EMI-3-base
xrootd-debuginfo 3.2.7 EMI-3-third-party
emi-mpi 1.0.2 EMI-3-base

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glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
 glite-jdl-api-cpp 3.4.1 EMI-3-base
 emi-torque-client 1.0.0 EMI-3-base
 emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
 emi-version-debuginfo 3.0.0 EMI-3-base
 globus-gss-assist-devel 8.6 EMI-3-third-party
 glite-info-site 0.4.0 EMI-3-base
 glite-wms-ui-commands 3.5.0 EMI-3-base
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 glite-lb-utils 2.3.6 EMI-3-base
 glite-jdl-api-java 3.3.1 EMI-3-base
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 argus-pepcli 2.2.0 EMI-3-base
 gfal-doc 1.14.0 EMI-3-base
 lcmaps-without-gsi 1.5.7 EMI-3-base
 condor-lcg 1.2.0 EMI-3-third-party
 glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
 glite-wms-purger-devel 3.5.0 EMI-3-base
 glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
 lfc 1.8.6 EMI-3-base
 globus-gss-assist 8.6 EMI-3-third-party
 sensor-service 1.0.0 EMI-3-base
 nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
 nordugrid-arc-acix-core 3.0.0 EMI-3-base
 glite-wms-core-devel 3.5.0 EMI-3-base
 glite-initscript-globus-gridftp 1.0.4 EMI-3-base
 glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
 voms-api-java3-javadoc 3.0.0 EMI-3-base
 emi-argus 1.6.0 EMI-3-base
 argus-pep-api-c 2.2.0 EMI-3-base
 glite-lb-client-debuginfo 6.0.5 EMI-3-base
 nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
 semsg-debuginfo 1.3.2 EMI-3-base
 nordugrid-arc-acix-cache 3.0.0 EMI-3-base
 fts2-client-debuginfo 2.2.9 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lfc-perl 1.8.6 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
 glite-lb-logger-devel 2.4.15 EMI-3-base
 dpm-dsi-devel 1.8.3 EMI-3-base
 dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
 canl-java-axis2 0.1.3 EMI-3-base
 nordugrid-arc-hed 3.0.0 EMI-3-base
 glite-info-static 0.2.0 EMI-3-base
 storm-frontend-server 1.8.1 EMI-3-base
 lcas-lcmaps-gt4-interface 0.2.6 EMI-3-third-party
 nordugrid-arc-compute-element 1.0.6 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 glite-wms-jobsubmission-lib 3.5.0 EMI-3-base
 nordugrid-arc-java 3.0.0 EMI-3-base
 emi-torque-server 1.0.0 EMI-3-base
 emi-slurm-client 1.0.1 EMI-3-base
 lcg-util-python26 1.14.0 EMI-3-base
 dpm-name-server-mysql 1.8.6 EMI-3-base
 emi-px 1.0.2 EMI-3-base
 wnodes_accounting 1.0.0 EMI-3-base
 emi-ui 3.0.0 EMI-3-base
 glite-ce-monitor-cli 1.15.1 EMI-3-base
 storm-globus-gridftp-server 1.2.0 EMI-3-base
 unicore-uvos-webapp 1.6.0 EMI-3-base
 emi-dcache-clients 1.0.0 EMI-3-base
 glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
 nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
 SAGA.lsu.engine 1.6.0 EMI-3-third-party
 glite-lb-harvester 1.3.8 EMI-3-base
 mongo-10gen 2.0.4 EMI-3-third-party

glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
 gfal-debuginfo 1.14.0 EMI-3-base
 globus-io 9.3 EMI-3-third-party
 lcgdm-devel 1.8.6 EMI-3-base
 glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
 dmlite-plugins-librarian 0.4.0 EMI-3-base
 glite-lb-logger 2.4.15 EMI-3-base
 nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
 emi-wn 3.0.0 EMI-3-base
 glite-wms-interface 3.5.0 EMI-3-base
 emi-storm-frontend-mp 1.1.0 EMI-3-base
 unicore-gateway6 5.0.0 EMI-3-base
 dpm-srm-server-oracle 1.8.6 EMI-3-base
 lfc-python 1.8.6 EMI-3-base
 glite-jobid-api-c 2.2.7 EMI-3-base
 condor-emi 7.8.0 EMI-3-third-party
 dpm-rfio-server 1.8.6 EMI-3-base
 emi.saga-adapter.context-cpp 1.0.2 EMI-3-base
 semsg-plugins-debuginfo 1.3.2 EMI-3-base
 glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
 emi-lfc_mysql 1.8.6 EMI-3-base
 globus-ftp-control-doc 4.4 EMI-3-third-party
 sensor-run 1.0.0 EMI-3-base
 dpm-srm-server-mysql 1.8.6 EMI-3-base
 unicore-hila-gridftp 2.4.0 EMI-3-base
 voms-clients 2.0.10 EMI-3-base
 openldap2.4-clients 2.4.22 EMI-3-third-party
 wnodes_cloud 1.0.0 EMI-3-base
 gridftp-ifce 2.3.0 EMI-3-base
 dcap-tunnel-gsi 2.47.7 EMI-3-base
 glite-lb-state-machine 2.0.4 EMI-3-base
 glite-lbjp-common-db-devel 3.2.6 EMI-3-base
 gfal 1.14.0 EMI-3-base
 glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
 glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
 voms-oracle-plugin 3.1.15 EMI-3-base
 emi-pkgconfig-compat 1.0.1 EMI-3-third-party
 glite-ce-cream-client-devel 1.15.1 EMI-3-base
 argus-pep-common 2.3.0 EMI-3-base
 glite-yaim-torque-client 5.1.0 EMI-3-base
 lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
 argus-pap 1.6.0 EMI-3-base
 emi-lfc_oracle 1.8.6 EMI-3-base
 yaim-storm 4.3.0 EMI-3-base
 dpm-python26 1.8.6 EMI-3-base
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 glite-wms-wmproxy-api-cpp 3.5.0 EMI-3-base
 apr1.4-devel 1.4.2 EMI-3-third-party
 glite-ce-cream-cli 1.15.1 EMI-3-base
 glite-wms-jobsubmission 3.5.0 EMI-3-base
 mkgltmpdir 0.0.3 EMI-3-base
 voms-doc 2.0.10 EMI-3-base
 argus-pep-api-c-devel 2.2.0 EMI-3-base
 lcmaps-debuginfo 1.5.7 EMI-3-base
 lcg-util-python 1.14.0 EMI-3-base
 dcacheVoms2Gplasma 0.0.8 EMI-3-base
 voms-mysql-plugin-debuginfo 3.1.6 EMI-3-base
 nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
 dmlite-plugins-adapter 0.4.1 EMI-3-base
 unicore-hila-emi-es 2.4.0 EMI-3-base
 nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
 glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
 nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
 glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
 glite-wms-utils-exception-devel 3.4.1 EMI-3-base
 emi-maven-common 1.0.0 EMI-3-base
 glite-yaim-mpi 1.1.12 EMI-3-base

editline 2.9 EMI-3-third-party
 argus-pep-server 1.6.0 EMI-3-base
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 bdii-config-site 1.0.7 EMI-3-base
 lcas-plugins-voms 1.3.11 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 lcmaps-plugins-afs-debuginfo 1.4.0 EMI-3-base
 nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
 gfal2-utils 0.0.14 EMI-3-base
 activemq 5.4.2 EMI-3-third-party
 glite-lb-ws-interface 4.0.4 EMI-3-base
 CGSI-gSOAP-devel 1.3.5 EMI-3-base
 dpm-devel 1.8.6 EMI-3-base
 unicore-registry6 6.0.0 EMI-3-base
 dpm-libs 1.8.6 EMI-3-base
 glite-wms-brokerinfo-access-doc 3.5.0 EMI-3-base
 globus-gridftp-server-control 2.7 EMI-3-third-party
 lfc-dli 1.8.6 EMI-3-base
 argus-pdp 1.6.0 EMI-3-base
 emi-maven-common-debuginfo 1.0.0 EMI-3-base
 srm-ifce-devel 1.14.0 EMI-3-base
 globus-gss-assist-debuginfo 8.6 EMI-3-third-party
 gfal-devel 1.14.0 EMI-3-base
 ees-pepd-oh-javadoc 0.1.3 EMI-3-base
 lfc-server-mysql 1.8.6 EMI-3-base
 globus-gridftp-server-progs 6.16 EMI-3-third-party
 voms-debuginfo 2.0.10 EMI-3-base
 condor 7.4.2 EMI-3-third-party
 lcg-util-devel 1.14.0 EMI-3-base
 dcap-libs 2.47.7 EMI-3-base
 activemq-cpp-library 3.2.5 EMI-3-third-party
 glite-wms-brokerinfo-access-lib 3.5.0 EMI-3-base
 emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
 canl-c++ 1.0.0 EMI-3-base
 lcmaps-openssl-interface 1.5.7 EMI-3-base
 nordugrid-arc-doxygen 3.0.0 EMI-3-base
 dcap-tunnel-ssl 2.47.7 EMI-3-base
 globus-ftp-control 4.4 EMI-3-third-party
 maui-devel 3.3 EMI-3-third-party
 voms 2.0.10 EMI-3-base
 emi-dpm_oracle 1.8.6 EMI-3-base
 gridsite 2.0.4 EMI-3-base
 gfal-python26 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 glexec 0.9.8 EMI-3-base
 glite-lb-server 3.0.7 EMI-3-base
 glite-wms-brokerinfo-access-devel 3.5.0 EMI-3-base
 voms-devel 2.0.10 EMI-3-base
 glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 semsg-server 1.3.2 EMI-3-base
 dmlite-debuginfo 0.4.2 EMI-3-base
 glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
 nagios-plugins-dpm-disk 0.9.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 CGSI-gSOAP-devel 1.3.5 EMI-3-base
 fts2-client 2.2.9 EMI-3-base
 lcg-pbs-utils 2.0.0 EMI-3-base
 globus-gss-assist-doc 8.6 EMI-3-third-party
 lcg-pbs-utils-debuginfo 2.0.0 EMI-3-base
 glite-px-proxyrenewal 1.3.31 EMI-3-base
 nordugrid-arc-devel 3.0.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 dpm-yaim 4.2.9 EMI-3-base
 glite-wms-utils-classad 3.4.1 EMI-3-base
 glite-lb-doc 1.4.11 EMI-3-base
 lcmaps-plugins-c-pep 1.2.3 EMI-3-base

dcap-devel 2.47.7 EMI-3-base
 storm-xmlrpc-c-apps 1.25.10 EMI-3-base
 nordugrid-arc-arcs 3.0.0 EMI-3-base
 CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
 globus-ftp-control-debuginfo 4.4 EMI-3-third-party
 apel-server 1.0.0 EMI-3-base
 gfal2-python-doc 1.1.0 EMI-3-base
 glue-schema 2.0.10 EMI-3-base
 lcmaps-plugins-tracking-groupid 0.1.0 EMI-3-base
 emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
 gridsite-service-clients 2.0.4 EMI-3-base
 lcas-devel 1.3.19 EMI-3-base
 voms-admin-client 2.0.18 EMI-3-base
 emi-torque-utils 2.0.1 EMI-3-base
 nagios-plugins-lfc 0.9.4 EMI-3-base
 dpm-dsi-devel 1.8.3 EMI-3-base
 nordugrid-arc-devel 3.0.0 EMI-3-base
 emi-resource-information-service 1.0.3 EMI-3-base
 emi.saga-adapter.isn-cpp 1.0.3 EMI-3-base
 sensor-api 1.0.0 EMI-3-base
 emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
 delegation-java 3.0.13 EMI-3-base
 glite-jdl-api-java-doc 3.3.1 EMI-3-base
 yaim-glexec-wn 2.3.3 EMI-3-base
 unicore-ucc6 6.0.0 EMI-3-base
 apr-util1.3-devel 1.3.10 EMI-3-third-party
 glite-wms-common 3.5.0 EMI-3-base
 glite-lbjp-common-log-devel 1.3.6 EMI-3-base
 davix-doc 0.0.27 EMI-3-base
 openldap2.4-extra-schemas 1.3 EMI-3-third-party
 glite-lb-server-debuginfo 3.0.7 EMI-3-base
 wnodes_site_specific 2.0.2 EMI-3-base
 storm-pre-assembled-configuration 1.1.0 EMI-3-base
 nordugrid-arc-client-tools 1.0.6 EMI-3-base
 nordugrid-arc-doc 1.3.0 EMI-3-base
 storm-gridhttps-server 2.0.0 EMI-3-base
 nordugrid-arc-misc-utils 3.0.0 EMI-3-base
 emi.amga.amga-cli-debuginfo 2.4.0 EMI-3-base
 dpm-copy-server-oracle 1.8.6 EMI-3-base
 lcgdm-dav-server 0.11.0 EMI-3-base
 gridsite-commands 2.0.4 EMI-3-base
 dcache-server 2.2.4 EMI-3-base
 dcap-tunnel-krb 2.47.7 EMI-3-base
 axis2 1.6.1 EMI-3-third-party
 lcmaps 1.5.7 EMI-3-base
 glite-lb-common 9.0.5 EMI-3-base
 gfal 1.14.0 EMI-3-base
 emi-trustmanager-tomcat 3.0.1 EMI-3-third-party
 glite-jdl-api-cpp-doc 3.4.1 EMI-3-base
 canl-c++-devel 1.0.0 EMI-3-base
 emi-release 3.0.0 EMI-3-base
 bouncycastle146 1.46 EMI-3-base
 dynsched-generic 2.5.1 EMI-3-base
 dcap-debuginfo 2.47.7 EMI-3-base
 storm-backend-server 1.11.0 EMI-3-base
 voms 2.0.10 EMI-3-base
 lcg-util-debuginfo 1.14.0 EMI-3-base
 glite-jdl-api-cpp-devel 3.4.1 EMI-3-base
 glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
 emi-lb 1.0.2 EMI-3-base
 globus-gss-assist-progs 8.6 EMI-3-third-party
 ees-devel 0.1.4 EMI-3-base
 lcas 1.3.19 EMI-3-base
 glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
 dpm-dsi 1.8.3 EMI-3-base
 apel-lib 1.0.0 EMI-3-base
 unicore-uvos-clc 1.7.0 EMI-3-base

CaNIC-partEMI3Update1 < EMI < TWiki

```
is-interface 1.14.0 EMI-3-base
davix 0.0.27 EMI-3-base
voms-server 2.0.10 EMI-3-base
glite-info-update-endpoints 2.0.12 EMI-3-base
lcg-info-dynamic-scheduler-pbs 2.4.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
glite-lb-logger-msg 1.2.8 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
mm-mysql 3.1.8 EMI-3-third-party
gfal2-python-debuginfo 1.1.0 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
glite-service-discovery-api-c 2.2.3 EMI-3-third-party
glexec-wn 1.2.0 EMI-3-base
glite-lbjp-common-gss 3.2.11 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
glite-wms-ice 3.5.0 EMI-3-base
openldap2.4-servers 2.4.22 EMI-3-third-party
glite-lb-logger-debuginfo 2.4.15 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
```

Test Repo Contents

```
canl-c-devel 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-java 1.2.0 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-doc 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-examples 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/5/x86_64/epel-release-5-4.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/2/s15/x86_64/base/emi-release-2.0.0-1.s15.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

rpm -Uvh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s15/x86_64/base/emi-release-3.0.0-2.el5.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/5/x86_64/epel-release-5-4.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: downloadonly, kernel-module
Excluding Packages from SL 5 base
Finished
Reducing SL 5 base jdk to included packages only
Finished
Excluding Packages from SL 5 security updates
Finished
Reducing SL 5 security updates jdk only to included packages only
Finished
Setting up Install Process
```


CaNIC-partEMI3Update1 < EMI < TWiki

Resolving Dependencies

```
--> Running transaction check
---> Package yum-priorities.noarch 0:1.1.16-21.el5 set to be updated
---> Package yum-protectbase.noarch 0:1.1.16-21.el5 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
Package                Arch          Version           Repository        Size
=====
Installing:
yum-priorities         noarch       1.1.16-21.el5    sl-base           16 k
yum-protectbase       noarch       1.1.16-21.el5    sl-base           14 k
=====
```

Transaction Summary

```
=====
Install      2 Package(s)
Upgrade     0 Package(s)
=====
```

Total download size: 29 k

Downloading Packages:

```
-----
Total                242 kB/s | 29 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing      : yum-protectbase                               1/2
```

```
Installing      : yum-priorities                               2/2
```

Installed:

```
  yum-priorities.noarch 0:1.1.16-21.el5  yum-protectbase.noarch 0:1.1.16-21.el5
```

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl5/x86_64/base/emi-release-2.0.0-1.sl5.

Preparing... #####

emi-release #####

Loaded plugins: downloadonly, kernel-module, priorities, protectbase

Excluding Packages from SL 5 base

Finished

Reducing SL 5 base jdk to included packages only

Finished

Excluding Packages from SL 5 security updates

Finished

Reducing SL 5 security updates jdk only to included packages only

Finished

379 packages excluded due to repository priority protections

0 packages excluded due to repository protections

Setting up Install Process

Resolving Dependencies

```
--> Running transaction check
```

```
---> Package canl-c.x86_64 0:1.0.4-1.el5 set to be updated
```

```
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c
```

```
---> Package canl-c-examples.x86_64 0:1.0.4-1.el5 set to be updated
```

```
--> Running transaction check
```

```
---> Package c-ares.x86_64 0:1.6.0-5.el5 set to be updated
```

```
--> Finished Dependency Resolution
```

Beginning Kernel Module Plugin

Finished Kernel Module Plugin

Dependencies Resolved

Full Output of the Installation

CaNIC-partEMI3Update1 < EMI < TWiki

```

=====
Package                Arch                Version                Repository                Size
=====
Installing:
canl-c                  x86_64              1.0.4-1.e15            EMI-2-base                55 k
canl-c-examples        x86_64              1.0.4-1.e15            EMI-2-base                12 k
Installing for dependencies:
c-ares                 x86_64              1.6.0-5.e15            sl-base                    49 k

Transaction Summary
=====
Install                3 Package(s)
Upgrade                0 Package(s)

Total download size: 116 k
Downloading Packages:
-----
Total                  311 kB/s | 116 kB      00:00
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

   Installing      : c-ares                                1/3
   Installing      : canl-c                              2/3
   Installing      : canl-c-examples                    3/3

Installed:
  canl-c.x86_64 0:1.0.4-1.e15      canl-c-examples.x86_64 0:1.0.4-1.e15

Dependency Installed:
  c-ares.x86_64 0:1.6.0-5.e15

Complete!
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl5/x86_64/base/emi-release-3.0.0-2.e15.
Preparing... #####
emi-release #####
/tmp/org.gluon.testsuites.ctb/CANL-C/tests
Loaded plugins: downloadonly, kernel-module, priorities, protectbase
Excluding Packages from SL 5 base
Finished
Reducing SL 5 base jdk to included packages only
Finished
Excluding Packages from SL 5 security updates
Finished
Reducing SL 5 security updates jdk only to included packages only
Finished
390 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Upgrade Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:2.1.1-1.e15 set to be updated
---> Package canl-c-examples.x86_64 0:2.1.1-1.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved

=====
Package                Arch                Version                Repository                Size
=====

```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Updating:
canl-c          x86_64          2.1.1-1.e15          ETICS-registered-build-234202dc-06
                                     69 k
canl-c-examples x86_64          2.1.1-1.e15          ETICS-registered-build-234202dc-06
                                     12 k
```

Transaction Summary

```
=====
Install      0 Package(s)
Upgrade     2 Package(s)
```

```
Total download size: 82 k
Downloading Packages:
```

```
-----
Total                159 kB/s | 82 kB    00:00
```

```
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Updating      : canl-c                               1/4
Updating      : canl-c-examples                       2/4
Cleanup       : canl-c                               3/4
Cleanup       : canl-c-examples                       4/4
```

```
Updated:
  canl-c.x86_64 0:2.1.1-1.e15      canl-c-examples.x86_64 0:2.1.1-1.e15
```

Complete!

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```
Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.11.4-3.e15_8.2.x86_64 already installed and latest version
Package lsof-4.78-6.x86_64 already installed and latest version
Package cvs-1.11.22-11.e15_8.1.x86_64 already installed and latest version
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
```

```

`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:13:22 nympha5-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:13:22 nympha5-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:13:22 nympha5-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send server: waiting for connections... [SERVER] connection

established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

[CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send server:

waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client

[SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Clean installation, Scientific 6 (i386)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	i386
Host	nympha1-2.zcu.cz
Duration	0 min
Testbed uptime	20:19:34 up 9 min, 0 users, load average: 1.19, 1.04, 0.55

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-devel 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-doc 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-examples 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum install -y --nogpgcheck canl-c canl-c-examples
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
```

Package	Arch	Version	Repository	Size
Installing:				
yum-plugin-priorities	noarch	1.1.30-14.el6	sl	21 k
yum-plugin-protectbase	noarch	1.1.30-14.el6	sl	19 k

Transaction Summary

```
=====
```

Install 2 Package(s)

Total download size: 41 k
 Installed size: 50 k
 Downloading Packages:

```
-----
```

Total	253 kB/s 41 kB	00:00
-------	------------------	-------

```
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Installing : yum-plugin-priorities-1.1.30-14.el6.noarch 1/2
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch 2/2
Verifying : yum-plugin-protectbase-1.1.30-14.el6.noarch 1/2
Verifying : yum-plugin-priorities-1.1.30-14.el6.noarch 2/2
```

Installed:

```
yum-plugin-priorities.noarch 0:1.1.30-14.el6
yum-plugin-protectbase.noarch 0:1.1.30-14.el6
```

Complete!

```
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.
Preparing... #####
emi-release #####
/tmp/org.glite.testsuites.ctb/CANL-C/tests
Loaded plugins: priorities, protectbase, security
138 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.i386 0:2.1.1-1.el6 will be installed
--> Processing Dependency: libcares.so.2 for package: canl-c-2.1.1-1.el6.i386
---> Package canl-c-examples.i386 0:2.1.1-1.el6 will be installed
--> Running transaction check
---> Package c-ares.i686 0:1.7.0-5.el6 will be installed
--> Finished Dependency Resolution
```

CaNIC-partEMI3Update1 < EMI < TWiki

Dependencies Resolved

```
=====
Package                Arch Version      Repository                               Size
=====
Installing:
canl-c                  i386 2.1.1-1.el6   ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-s16 61 k
canl-c-examples        i386 2.1.1-1.el6   ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-s16 11 k
Installing for dependencies:
c-ares                  i686 1.7.0-5.el6   EMI-3-third-party                               52 k
=====
```

Transaction Summary

```
=====
Install                3 Package(s)
=====
```

Total download size: 125 k

Installed size: 297 k

Downloading Packages:

```
-----
Total                    208 kB/s | 125 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing : c-ares-1.7.0-5.el6.i686                1/3
Installing : canl-c-2.1.1-1.el6.i386                2/3
Installing : canl-c-examples-2.1.1-1.el6.i386       3/3
Verifying  : canl-c-2.1.1-1.el6.i386                1/3
Verifying  : c-ares-1.7.0-5.el6.i686                2/3
Verifying  : canl-c-examples-2.1.1-1.el6.i386       3/3
```

Installed:

```
canl-c.i386 0:2.1.1-1.el6          canl-c-examples.i386 0:2.1.1-1.el6
```

Dependency Installed:

```
c-ares.i686 0:1.7.0-5.el6
```

Complete!

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

Certificate file: none

gLite user: glite

Terminal width: 80

Output format: -x

Package wget-1.12-1.4.el6.i686 already installed and latest version

Package lsof-4.82-4.el6.i686 already installed and latest version

Package cvs-1.11.23-11.el6_2.1.i686 already installed and latest version

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert

Tests

```

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:19:14 nympha1-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:19:14 nympha1-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:19:14 nympha1-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:19:26 nympha1-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:19:26 nympha1-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**
 Testing server with nonexistent host certificates **done**
 Testing server with nonexistent host key **done**
 Testing server with nonexistent host cert and key **done**
 Testing client: connect to server not running **done**
 Testing client: use nonexistent proxy certificate **done**
 Starting canl sample server **done**
 CANL client: connect to CANL sample server server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**
Mar 27 20:19:26 nympha1-2.zcu.cz canl-test-sec-connection.sh: end
Mar 27 20:19:26 nympha1-2.zcu.cz canl-test-sha2.sh: start
 Testing if binaries of canl examples are available **done**
 Testing if all binaries are available **done**
 Testing credentials **done**
done
 Starting canl sample server **done**
 server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**
Mar 27 20:19:27 nympha1-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Minor upgrade from production (EMI-3), Scientific 6 (i386)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	i386
Host	nympha12-2.zcu.cz
Duration	1 min
Testbed uptime	20:20:27 up 10 min, 0 users, load average: 0.93, 1.04, 0.60

Production Repo Contents

```
CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
a1_grid_env 3.0.2 EMI-3-base
a1_grid_env-debuginfo 3.0.2 EMI-3-base
activemq-cpp-library 3.2.5 EMI-3-third-party
activemq-cpp-library-debuginfo 3.2.5 EMI-3-third-party
apel-client 1.0.0 EMI-3-base
apel-lib 1.0.0 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
apel-server 1.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
```

argus-gsi-pep-callout 1.3.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
argus-pap 1.6.0 EMI-3-base
argus-pdp 1.6.0 EMI-3-base
argus-pdp-debuginfo 1.6.0 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
argus-pdp-pep-common-debuginfo 1.4.0 EMI-3-base
argus-pep-api-c 2.2.0 EMI-3-base
argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
argus-pep-api-c-devel 2.2.0 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
argus-pep-api-java-debuginfo 2.2.0 EMI-3-base
argus-pep-common 2.3.0 EMI-3-base
argus-pep-common-debuginfo 2.3.0 EMI-3-base
argus-pep-server 1.6.0 EMI-3-base
argus-pep-server-debuginfo 1.6.0 EMI-3-base
axis1.4 1.4 EMI-3-third-party
bouncycastle-mail 1.46 EMI-3-third-party
canl-c++ 1.0.0 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
canl-c++-devel 1.0.0 EMI-3-base
canl-java 1.1.0 EMI-3-base
canl-java-axis2 0.1.3 EMI-3-base
canl-java-javadoc 1.1.0 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base
dcap 2.47.7 EMI-3-base
dcap-debuginfo 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
dcap-tunnel-krb 2.47.7 EMI-3-base
dcap-tunnel-ssl 2.47.7 EMI-3-base
dcap-tunnel-telnet 2.47.7 EMI-3-base
delegation-java 3.0.13 EMI-3-base
dmlite-debuginfo 0.4.2 EMI-3-base
dmlite-devel 0.4.2 EMI-3-base
dmlite-docs 0.4.2 EMI-3-base
dmlite-libs 0.4.2 EMI-3-base
dmlite-plugins-adapter 0.4.1 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-librarian 0.4.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-profiler 0.4.0 EMI-3-base
dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
dpm 1.8.6 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
dpm-perl 1.8.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
dpm-rfio-server 1.8.6 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
dpm-xrootd 3.1.1 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dpm-xrootd-devel 3.1.1 EMI-3-base

dpm-yaim 4.2.9 EMI-3-base
edg-mkgridmap 4.0.0 EMI-3-base
ees 0.1.4 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
ees-devel 0.1.4 EMI-3-base
emi-argus 1.6.0 EMI-3-base
emi-argus-debuginfo 1.6.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
emi-dpm_mysql 1.8.6 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
emi-emir 1.2.1 EMI-3-base
emi-lb 1.0.2 EMI-3-base
emi-lb-nagios-plugins 1.2.9 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base
emi-maven-common-debuginfo 1.0.0 EMI-3-base
emi-mpi 1.0.2 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
emi-px 1.0.2 EMI-3-base
emi-release 3.0.0 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-gridhttps-mp 1.0.0 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
emi-storm-srm-client-mp 1.0.0 EMI-3-base
emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-base
emi-trustmanager-axis 2.0.2 EMI-3-base
emi-trustmanager-tomcat 3.0.1 EMI-3-base
emi-ui 3.0.0 EMI-3-base
emi-version 3.0.0 EMI-3-base
emi-version-debuginfo 3.0.0 EMI-3-base
emi-wn 3.0.0 EMI-3-base
emir-serp 1.2.1 EMI-3-base
fts-monitoring 0.0.1 EMI-3-base
fts-mysql 0.0.1 EMI-3-base
fts-mysql-devel 0.0.1 EMI-3-base
fts-oracle 0.0.1 EMI-3-base
fts-oracle-devel 0.0.1 EMI-3-base
fts2-client 2.2.9 EMI-3-base
fts2-client-debuginfo 2.2.9 EMI-3-base
fts2-devel 2.2.9 EMI-3-base
gfal 1.14.0 EMI-3-base
gfal-debuginfo 1.14.0 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
gfal-doc 1.14.0 EMI-3-base
gfal-python 1.14.0 EMI-3-base
gfal2 2.1.0 EMI-3-base
gfal2-all 2.1.0 EMI-3-base
gfal2-core 2.1.0 EMI-3-base
gfal2-debuginfo 2.1.0 EMI-3-base
gfal2-devel 2.1.0 EMI-3-base
gfal2-doc 2.1.0 EMI-3-base
gfal2-plugin-dcap 2.1.0 EMI-3-base
gfal2-plugin-gridftp 2.1.0 EMI-3-base
gfal2-plugin-lfc 2.1.0 EMI-3-base
gfal2-plugin-rfio 2.1.0 EMI-3-base
gfal2-plugin-srm 2.1.0 EMI-3-base
gfal2-python 1.1.0 EMI-3-base
gfal2-python-debuginfo 1.1.0 EMI-3-base
gfal2-python-doc 1.1.0 EMI-3-base

gfal2-transfer 2.1.0 EMI-3-base
 gfal2-utils 0.0.14 EMI-3-base
 gfal2-utils-debuginfo 0.0.14 EMI-3-base
 gfalFS 1.0.1 EMI-3-base
 gfalFS-debuginfo 1.0.1 EMI-3-base
 glexec 0.9.8 EMI-3-base
 glexec-debuginfo 0.9.8 EMI-3-base
 glexec-wn 1.2.0 EMI-3-base
 glexec-wrapper-scripts 0.0.7 EMI-3-base
 glite-initscript-globus-gridftp 1.0.4 EMI-3-base
 glite-jobid-api-c 2.2.7 EMI-3-base
 glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
 glite-jobid-api-c-devel 2.2.7 EMI-3-base
 glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
 glite-jobid-api-java 1.3.4 EMI-3-base
 glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
 glite-lb-client 6.0.5 EMI-3-base
 glite-lb-client-debuginfo 6.0.5 EMI-3-base
 glite-lb-client-devel 6.0.5 EMI-3-base
 glite-lb-client-progs 6.0.5 EMI-3-base
 glite-lb-common 9.0.5 EMI-3-base
 glite-lb-common-debuginfo 9.0.5 EMI-3-base
 glite-lb-common-devel 9.0.5 EMI-3-base
 glite-lb-doc 1.4.11 EMI-3-base
 glite-lb-harvester 1.3.8 EMI-3-base
 glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
 glite-lb-logger 2.4.15 EMI-3-base
 glite-lb-logger-debuginfo 2.4.15 EMI-3-base
 glite-lb-logger-devel 2.4.15 EMI-3-base
 glite-lb-logger-msg 1.2.8 EMI-3-base
 glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
 glite-lb-server 3.0.7 EMI-3-base
 glite-lb-server-debuginfo 3.0.7 EMI-3-base
 glite-lb-state-machine 2.0.4 EMI-3-base
 glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
 glite-lb-state-machine-devel 2.0.4 EMI-3-base
 glite-lb-state-machine-plugins 2.0.4 EMI-3-base
 glite-lb-types 2.0.5 EMI-3-base
 glite-lb-utils 2.3.6 EMI-3-base
 glite-lb-utils-debuginfo 2.3.6 EMI-3-base
 glite-lb-ws-interface 4.0.4 EMI-3-base
 glite-lb-ws-test 1.4.6 EMI-3-base
 glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
 glite-lb-yaim 4.5.8 EMI-3-base
 glite-lbjp-common-db 3.2.6 EMI-3-base
 glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
 glite-lbjp-common-db-devel 3.2.6 EMI-3-base
 glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
 glite-lbjp-common-gss 3.2.11 EMI-3-base
 glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
 glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
 glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
 glite-lbjp-common-log 1.3.6 EMI-3-base
 glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
 glite-lbjp-common-log-devel 1.3.6 EMI-3-base
 glite-lbjp-common-maildir 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
 glite-lbjp-common-trio 2.3.8 EMI-3-base
 glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base

glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
glite-px-myproxy-yaim 4.1.12 EMI-3-base
glite-px-proxyrenewal 1.3.31 EMI-3-base
glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
glite-wn-info 1.0.3 EMI-3-base
glite-yaim-clients 5.2.0 EMI-3-base
glite-yaim-core 5.1.1 EMI-3-base
glite-yaim-mpi 1.1.12 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
globus-ftp-control-debuginfo 4.4 EMI-3-third-party
globus-ftp-control-devel 4.4 EMI-3-third-party
globus-ftp-control-doc 4.4 EMI-3-third-party
globus-gridftp-server 6.16 EMI-3-third-party
globus-gridftp-server-control 2.7 EMI-3-third-party
globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
globus-gridftp-server-control-devel 2.7 EMI-3-third-party
globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
globus-gridftp-server-devel 6.16 EMI-3-third-party
globus-gridftp-server-progs 6.16 EMI-3-third-party
globus-gss-assist 8.6 EMI-3-third-party
globus-gss-assist-debuginfo 8.6 EMI-3-third-party
globus-gss-assist-devel 8.6 EMI-3-third-party
globus-gss-assist-doc 8.6 EMI-3-third-party
globus-gss-assist-progs 8.6 EMI-3-third-party
globus-io 9.3 EMI-3-third-party
globus-io-debuginfo 9.3 EMI-3-third-party
globus-io-devel 9.3 EMI-3-third-party
gridftp-ifce 2.3.0 EMI-3-base
gridftp-ifce-debuginfo 2.3.0 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
gridsite 2.0.4 EMI-3-base
gridsite-commands 2.0.4 EMI-3-base
gridsite-debuginfo 2.0.4 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base
gridsite-libs 2.0.4 EMI-3-base
gridsite-service-clients 2.0.4 EMI-3-base
is-interface 1.14.0 EMI-3-base
is-interface-debuginfo 1.14.0 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
lcas 1.3.19 EMI-3-base
lcas-debuginfo 1.3.19 EMI-3-base
lcas-devel 1.3.19 EMI-3-base
lcas-interface 1.3.19 EMI-3-base
lcas-lcmapi-gt4-interface 0.2.1 EMI-3-third-party
lcas-lcmapi-gt4-interface 0.2.6 EMI-3-third-party
lcas-plugins-basic 1.3.6 EMI-3-base
lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
lcas-plugins-check-executable 1.2.4 EMI-3-base
lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
lcas-plugins-voms 1.3.11 EMI-3-base
lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
lcg-ManageVOTag 4.0.0 EMI-3-base
lcg-expiregridmapdir 3.0.1 EMI-3-base
lcg-tags 0.4.0 EMI-3-base
lcg-util 1.14.0 EMI-3-base
lcg-util-debuginfo 1.14.0 EMI-3-base
lcg-util-devel 1.14.0 EMI-3-base
lcg-util-libs 1.14.0 EMI-3-base
lcg-util-python 1.14.0 EMI-3-base
lcgdm-dav 0.11.0 EMI-3-base
lcgdm-dav-debuginfo 0.11.0 EMI-3-base
lcgdm-dav-devel 0.11.0 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
lcgdm-dav-server 0.11.0 EMI-3-base

lcgdm-debuginfo 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-tests 1.8.4 EMI-3-base
 lcgdm-tests-debuginfo 1.8.4 EMI-3-base
 lcmaps 1.5.7 EMI-3-base
 lcmaps-basic-interface 1.5.7 EMI-3-base
 lcmaps-debuginfo 1.5.7 EMI-3-base
 lcmaps-devel 1.5.7 EMI-3-base
 lcmaps-globus-interface 1.5.7 EMI-3-base
 lcmaps-openssl-interface 1.5.7 EMI-3-base
 lcmaps-plugins-afs 1.4.0 EMI-3-base
 lcmaps-plugins-afs-debuginfo 1.4.0 EMI-3-base
 lcmaps-plugins-basic 1.5.1 EMI-3-base
 lcmaps-plugins-basic-debuginfo 1.5.1 EMI-3-base
 lcmaps-plugins-basic-ldap 1.5.1 EMI-3-base
 lcmaps-plugins-c-pep 1.2.3 EMI-3-base
 lcmaps-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
 lcmaps-plugins-tracking-groupid 0.1.0 EMI-3-base
 lcmaps-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
 lcmaps-plugins-verify-proxy 1.5.4 EMI-3-base
 lcmaps-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
 lcmaps-plugins-voms 1.5.5 EMI-3-base
 lcmaps-plugins-voms-debuginfo 1.5.5 EMI-3-base
 lcmaps-without-gsi 1.5.7 EMI-3-base
 lcmaps-without-gsi-devel 1.5.7 EMI-3-base
 lfc 1.8.6 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 lfc-dli 1.8.6 EMI-3-base
 lfc-libs 1.8.6 EMI-3-base
 lfc-perl 1.8.6 EMI-3-base
 lfc-python 1.8.6 EMI-3-base
 lfc-server-mysql 1.8.6 EMI-3-base
 lfc-yaim 4.2.6 EMI-3-base
 maui 3.3 EMI-3-third-party
 maui-client 3.3 EMI-3-third-party
 maui-debuginfo 3.3 EMI-3-third-party
 maui-devel 3.3 EMI-3-third-party
 maui-server 3.3 EMI-3-third-party
 maven 2.2.1 EMI-3-third-party
 mkgltempdir 0.0.3 EMI-3-base
 mpi-start 1.5.0 EMI-3-base
 nagios-lcgdm 0.9.4 EMI-3-base
 nagios-plugins-argus 1.1.0 EMI-3-base
 nagios-plugins-argus-debuginfo 1.1.0 EMI-3-base
 nagios-plugins-bdii 1.0.14 EMI-3-base
 nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
 nagios-plugins-dpm-disk 0.9.4 EMI-3-base
 nagios-plugins-dpm-head 0.9.4 EMI-3-base
 nagios-plugins-ees 0.2.2 EMI-3-base
 nagios-plugins-fts 1.0.1 EMI-3-base
 nagios-plugins-glexec 0.3.2 EMI-3-base
 nagios-plugins-lcgdm 0.9.4 EMI-3-base
 nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
 nagios-plugins-lfc 0.9.4 EMI-3-base
 nordugrid-arc 3.0.0 EMI-3-base
 nordugrid-arc-acix-cache 3.0.0 EMI-3-base
 nordugrid-arc-acix-core 3.0.0 EMI-3-base
 nordugrid-arc-acix-index 3.0.0 EMI-3-base
 nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
 nordugrid-arc-arex 3.0.0 EMI-3-base
 nordugrid-arc-aris 3.0.0 EMI-3-base
 nordugrid-arc-ca-utils 3.0.0 EMI-3-base
 nordugrid-arc-cache-service 3.0.0 EMI-3-base
 nordugrid-arc-client 3.0.0 EMI-3-base
 nordugrid-arc-client-tools 1.0.6 EMI-3-base
 nordugrid-arc-compute-element 1.0.6 EMI-3-base

nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
nordugrid-arc-debuginfo 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-doc 1.3.0 EMI-3-base
nordugrid-arc-doxxygen 3.0.0 EMI-3-base
nordugrid-arc-egiis 3.0.0 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base
nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
nordugrid-arc-hed 3.0.0 EMI-3-base
nordugrid-arc-information-index 1.0.6 EMI-3-base
nordugrid-arc-java 3.0.0 EMI-3-base
nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
nordugrid-arc-misc-utils 3.0.0 EMI-3-base
nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
nordugrid-arc-python 3.0.0 EMI-3-base
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
pseudonymity-common 1.1.1 EMI-3-base
pseudonymity-server 1.1.1 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
semsg 1.3.2 EMI-3-base
semsg-debuginfo 1.3.2 EMI-3-base
semsg-devel 1.3.2 EMI-3-base
semsg-libs 1.3.2 EMI-3-base
semsg-plugins-debuginfo 1.3.2 EMI-3-base
semsg-plugins-lcgdm 1.3.2 EMI-3-base
semsg-plugins-py 1.3.2 EMI-3-base
semsg-server 1.3.2 EMI-3-base
sensor-api 1.0.0 EMI-3-base
sensor-common 1.0.0 EMI-3-base
sensor-host 1.0.0 EMI-3-base
sensor-run 1.0.0 EMI-3-base
sensor-service 1.0.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
storm-gridhttps-server 2.0.0 EMI-3-base
storm-pre-assembled-configuration 1.1.0 EMI-3-base
sts 1.0.0 EMI-3-base
tstorm 2.0.1 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
unicore-hila-emi-es 2.4.0 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
unicore-hila-shell 2.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
unicore-ucc6 6.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
unicore-uvos-server 1.6.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
voms 2.0.10 EMI-3-base
voms-clients 2.0.10 EMI-3-base
voms-debuginfo 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-doc 2.0.10 EMI-3-base

CaNIC-partEMI3Update1 < EMI < TWiki

```
voms-server 2.0.10 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
wnodes_nameserver 2.0.4 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
xacml 1.1.2 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
xacml-devel 1.1.2 EMI-3-base
xrootd 3.2.7 EMI-3-third-party
xrootd-client 3.2.7 EMI-3-third-party
xrootd-client-admin-java 3.2.7 EMI-3-third-party
xrootd-debuginfo 3.2.7 EMI-3-third-party
xrootd-devel 3.2.7 EMI-3-third-party
xrootd-fuse 3.2.7 EMI-3-third-party
xrootd-libs 3.2.7 EMI-3-third-party
yaim-argus_server 1.6.0 EMI-3-base
yaim-argus_server-debuginfo 1.6.0 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
yaim-storm 4.3.0 EMI-3-base
```

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-devel 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-doc 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-examples 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                               Arch      Version                               Repository
```

Test Repo Contents

CaNIC-partEMI3Update1 < EMI < TWiki

```

=====
                                                    Size
Installing:
yum-plugin-priorities          noarch      1.1.30-14.el6      sl      21 k
yum-plugin-protectbase        noarch      1.1.30-14.el6      sl      19 k

Transaction Summary
=====
Install          2 Package(s)

Total download size: 41 k
Installed size: 50 k
Downloading Packages:
-----
Total                               308 kB/s | 41 kB      00:00
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction

   Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
   Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch    2/2
   Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch    1/2
   Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch     2/2

Installed:
  yum-plugin-priorities.noarch 0:1.1.30-14.el6
  yum-plugin-protectbase.noarch 0:1.1.30-14.el6

Complete!
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.
Preparing... #####
emi-release #####
Loaded plugins: priorities, protectbase, security
133 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package canl-c.i386 0:2.0.9-1.el6 will be installed
--> Processing Dependency: libcares.so.2 for package: canl-c-2.0.9-1.el6.i386
--> Package canl-c-examples.i386 0:2.0.9-1.el6 will be installed
--> Running transaction check
--> Package c-ares.i686 0:1.7.0-5.el6 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package          Arch      Version      Repository      Size
=====
Installing:
canl-c            i386     2.0.9-1.el6  EMI-3-base     62 k
canl-c-examples  i386     2.0.9-1.el6  EMI-3-base     11 k
Installing for dependencies:
c-ares           i686     1.7.0-5.el6  EMI-3-third-party 52 k

Transaction Summary
=====
Install          3 Package(s)

Total download size: 125 k
Installed size: 297 k
Downloading Packages:

```

CaNIC-partEMI3Update1 < EMI < TWiki

```
-----
Total                               355 kB/s | 125 kB      00:00
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction

   Installing : c-ares-1.7.0-5.el6.i686                               1/3
   Installing : canl-c-2.0.9-1.el6.i386                               2/3
   Installing : canl-c-examples-2.0.9-1.el6.i386                     3/3
   Verifying  : canl-c-2.0.9-1.el6.i386                               1/3
   Verifying  : c-ares-1.7.0-5.el6.i686                               2/3
   Verifying  : canl-c-examples-2.0.9-1.el6.i386                     3/3

Installed:
  canl-c.i386 0:2.0.9-1.el6          canl-c-examples.i386 0:2.0.9-1.el6

Dependency Installed:
  c-ares.i686 0:1.7.0-5.el6
```

```
Complete!
/tmp/org.gnome.testsuites.ctb/CANL-C/tests
Loaded plugins: priorities, protectbase, security
138 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Upgrade Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.i386 0:2.0.9-1.el6 will be updated
---> Package canl-c.i386 0:2.1.1-1.el6 will be an update
---> Package canl-c-examples.i386 0:2.0.9-1.el6 will be updated
---> Package canl-c-examples.i386 0:2.1.1-1.el6 will be an update
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package            Arch Version      Repository                                     Size
=====
Updating:
  canl-c            i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-s16 61 k
  canl-c-examples  i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-s16 11 k
=====
```

Transaction Summary

```
=====
Upgrade          2 Package(s)
```

Total download size: 72 k

Downloading Packages:

```
-----
Total                               244 kB/s | 72 kB      00:00
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction

   Updating    : canl-c-2.1.1-1.el6.i386                               1/4
   Updating    : canl-c-examples-2.1.1-1.el6.i386                     2/4
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Cleanup      : canl-c-examples-2.0.9-1.el6.i386      3/4
Cleanup      : canl-c-2.0.9-1.el6.i386              4/4
Verifying    : canl-c-2.1.1-1.el6.i386              1/4
Verifying    : canl-c-examples-2.1.1-1.el6.i386     2/4
Verifying    : canl-c-2.0.9-1.el6.i386              3/4
Verifying    : canl-c-examples-2.0.9-1.el6.i386     4/4
```

Updated:

```
canl-c.i386 0:2.1.1-1.el6      canl-c-examples.i386 0:2.1.1-1.el6
```

Complete!

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```
Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.12-1.4.el6.i686 already installed and latest version
Package lsof-4.82-4.el6.i686 already installed and latest version
Package cvs-1.11.23-11.el6_2.1.i686 already installed and latest version
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/
```

```

U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:20:07 nympha12-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:20:07 nympha12-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:20:07 nympha12-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:20:18 nympha12-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:20:19 nympha12-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexistent host certificates **done**

Testing server with nonexistent host key **done**

Testing server with nonexistent host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexistent proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]

received: This is a testing message to send server: waiting for connections... [SERVER] connection

established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"

sent successfully [SERVER] received: This is the testing message to send **Mar 27 20:20:19**

nympha12-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:20:19 nympha12-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the

client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is

the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server

[CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a

testing message to send **done**

Mar 27 20:20:19 nympha12-2.zcu.cz canl-test-sha2.sh: **end**

```
=====
TESTS END HERE
=====
```

Major upgrade from production (EMI-2 to EMI-3), Scientific 6 (i386)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	i386
Host	nympha6-2.zcu.cz
Duration	1 min
Testbed uptime	20:32:07 up 11 min, 0 users, load average: 0.92, 1.02, 0.60

Production Repo Contents

```
CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
al_grid_env 3.0.2 EMI-3-base
al_grid_env-debuginfo 3.0.2 EMI-3-base
activemq-cpp-library 3.2.5 EMI-3-third-party
activemq-cpp-library-debuginfo 3.2.5 EMI-3-third-party
apel-client 1.0.0 EMI-3-base
apel-lib 1.0.0 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
apel-server 1.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
argus-gsi-pep-callout 1.3.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
argus-pap 1.6.0 EMI-3-base
argus-pdp 1.6.0 EMI-3-base
argus-pdp-debuginfo 1.6.0 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
argus-pdp-pep-common-debuginfo 1.4.0 EMI-3-base
argus-pep-api-c 2.2.0 EMI-3-base
argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
argus-pep-api-c-devel 2.2.0 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
argus-pep-api-java-debuginfo 2.2.0 EMI-3-base
argus-pep-common 2.3.0 EMI-3-base
argus-pep-common-debuginfo 2.3.0 EMI-3-base
argus-pep-server 1.6.0 EMI-3-base
argus-pep-server-debuginfo 1.6.0 EMI-3-base
axis1.4 1.4 EMI-3-third-party
bouncycastle-mail 1.46 EMI-3-third-party
canl-c++ 1.0.0 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
canl-c++-devel 1.0.0 EMI-3-base
canl-java 1.1.0 EMI-3-base
canl-java-axis2 0.1.3 EMI-3-base
canl-java-javadoc 1.1.0 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base
dcap 2.47.7 EMI-3-base
dcap-debuginfo 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
```

dcap-libs 2.47.7 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
dcap-tunnel-krb 2.47.7 EMI-3-base
dcap-tunnel-ssl 2.47.7 EMI-3-base
dcap-tunnel-telnet 2.47.7 EMI-3-base
delegation-java 3.0.13 EMI-3-base
dmlite-debuginfo 0.4.2 EMI-3-base
dmlite-devel 0.4.2 EMI-3-base
dmlite-docs 0.4.2 EMI-3-base
dmlite-libs 0.4.2 EMI-3-base
dmlite-plugins-adapter 0.4.1 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-librarian 0.4.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-profiler 0.4.0 EMI-3-base
dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
dpm 1.8.6 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
dpm-perl 1.8.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
dpm-rfio-server 1.8.6 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
dpm-xrootd 3.1.1 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dpm-xrootd-devel 3.1.1 EMI-3-base
dpm-yaim 4.2.9 EMI-3-base
edg-mkgridmap 4.0.0 EMI-3-base
ees 0.1.4 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
ees-devel 0.1.4 EMI-3-base
emi-argus 1.6.0 EMI-3-base
emi-argus-debuginfo 1.6.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
emi-dpm_mysql 1.8.6 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
emi-emir 1.2.1 EMI-3-base
emi-lb 1.0.2 EMI-3-base
emi-lb-nagios-plugins 1.2.9 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base
emi-maven-common-debuginfo 1.0.0 EMI-3-base
emi-mpi 1.0.2 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
emi-px 1.0.2 EMI-3-base
emi-release 3.0.0 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-gridhttps-mp 1.0.0 EMI-3-base

emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
 emi-storm-srm-client-mp 1.0.0 EMI-3-base
 emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
 emi-trustmanager 3.1.4 EMI-3-base
 emi-trustmanager-axis 2.0.2 EMI-3-base
 emi-trustmanager-tomcat 3.0.1 EMI-3-base
 emi-ui 3.0.0 EMI-3-base
 emi-version 3.0.0 EMI-3-base
 emi-version-debuginfo 3.0.0 EMI-3-base
 emi-wn 3.0.0 EMI-3-base
 emir-serp 1.2.1 EMI-3-base
 fts-monitoring 0.0.1 EMI-3-base
 fts-mysql 0.0.1 EMI-3-base
 fts-mysql-devel 0.0.1 EMI-3-base
 fts-oracle 0.0.1 EMI-3-base
 fts-oracle-devel 0.0.1 EMI-3-base
 fts2-client 2.2.9 EMI-3-base
 fts2-client-debuginfo 2.2.9 EMI-3-base
 fts2-devel 2.2.9 EMI-3-base
 gfal 1.14.0 EMI-3-base
 gfal-debuginfo 1.14.0 EMI-3-base
 gfal-devel 1.14.0 EMI-3-base
 gfal-doc 1.14.0 EMI-3-base
 gfal-python 1.14.0 EMI-3-base
 gfal2 2.1.0 EMI-3-base
 gfal2-all 2.1.0 EMI-3-base
 gfal2-core 2.1.0 EMI-3-base
 gfal2-debuginfo 2.1.0 EMI-3-base
 gfal2-devel 2.1.0 EMI-3-base
 gfal2-doc 2.1.0 EMI-3-base
 gfal2-plugin-dcap 2.1.0 EMI-3-base
 gfal2-plugin-gridftp 2.1.0 EMI-3-base
 gfal2-plugin-lfc 2.1.0 EMI-3-base
 gfal2-plugin-rfio 2.1.0 EMI-3-base
 gfal2-plugin-srm 2.1.0 EMI-3-base
 gfal2-python 1.1.0 EMI-3-base
 gfal2-python-debuginfo 1.1.0 EMI-3-base
 gfal2-python-doc 1.1.0 EMI-3-base
 gfal2-transfer 2.1.0 EMI-3-base
 gfal2-utils 0.0.14 EMI-3-base
 gfal2-utils-debuginfo 0.0.14 EMI-3-base
 gfalFS 1.0.1 EMI-3-base
 gfalFS-debuginfo 1.0.1 EMI-3-base
 glexec 0.9.8 EMI-3-base
 glexec-debuginfo 0.9.8 EMI-3-base
 glexec-wn 1.2.0 EMI-3-base
 glexec-wrapper-scripts 0.0.7 EMI-3-base
 glite-initscript-globus-gridftp 1.0.4 EMI-3-base
 glite-jobid-api-c 2.2.7 EMI-3-base
 glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
 glite-jobid-api-c-devel 2.2.7 EMI-3-base
 glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
 glite-jobid-api-java 1.3.4 EMI-3-base
 glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
 glite-lb-client 6.0.5 EMI-3-base
 glite-lb-client-debuginfo 6.0.5 EMI-3-base
 glite-lb-client-devel 6.0.5 EMI-3-base
 glite-lb-client-progs 6.0.5 EMI-3-base
 glite-lb-common 9.0.5 EMI-3-base
 glite-lb-common-debuginfo 9.0.5 EMI-3-base
 glite-lb-common-devel 9.0.5 EMI-3-base
 glite-lb-doc 1.4.11 EMI-3-base
 glite-lb-harvester 1.3.8 EMI-3-base
 glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
 glite-lb-logger 2.4.15 EMI-3-base
 glite-lb-logger-debuginfo 2.4.15 EMI-3-base
 glite-lb-logger-devel 2.4.15 EMI-3-base

glite-lb-logger-msg 1.2.8 EMI-3-base
 glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
 glite-lb-server 3.0.7 EMI-3-base
 glite-lb-server-debuginfo 3.0.7 EMI-3-base
 glite-lb-state-machine 2.0.4 EMI-3-base
 glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
 glite-lb-state-machine-devel 2.0.4 EMI-3-base
 glite-lb-state-machine-plugins 2.0.4 EMI-3-base
 glite-lb-types 2.0.5 EMI-3-base
 glite-lb-utils 2.3.6 EMI-3-base
 glite-lb-utils-debuginfo 2.3.6 EMI-3-base
 glite-lb-ws-interface 4.0.4 EMI-3-base
 glite-lb-ws-test 1.4.6 EMI-3-base
 glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
 glite-lb-yaim 4.5.8 EMI-3-base
 glite-lbjp-common-db 3.2.6 EMI-3-base
 glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
 glite-lbjp-common-db-devel 3.2.6 EMI-3-base
 glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
 glite-lbjp-common-gss 3.2.11 EMI-3-base
 glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
 glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
 glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
 glite-lbjp-common-log 1.3.6 EMI-3-base
 glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
 glite-lbjp-common-log-devel 1.3.6 EMI-3-base
 glite-lbjp-common-maildir 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
 glite-lbjp-common-trio 2.3.8 EMI-3-base
 glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
 glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
 glite-px-myproxy-yaim 4.1.12 EMI-3-base
 glite-px-proxyrenewal 1.3.31 EMI-3-base
 glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
 glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
 glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
 glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
 glite-wn-info 1.0.3 EMI-3-base
 glite-yaim-clients 5.2.0 EMI-3-base
 glite-yaim-core 5.1.1 EMI-3-base
 glite-yaim-mpi 1.1.12 EMI-3-base
 globus-ftp-control 4.4 EMI-3-third-party
 globus-ftp-control-debuginfo 4.4 EMI-3-third-party
 globus-ftp-control-devel 4.4 EMI-3-third-party
 globus-ftp-control-doc 4.4 EMI-3-third-party
 globus-gridftp-server 6.16 EMI-3-third-party
 globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-progs 6.16 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist-debuginfo 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-doc 8.6 EMI-3-third-party
 globus-gss-assist-progs 8.6 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io-debuginfo 9.3 EMI-3-third-party

globus-io-devel 9.3 EMI-3-third-party
gridftp-ifce 2.3.0 EMI-3-base
gridftp-ifce-debuginfo 2.3.0 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
gridsite 2.0.4 EMI-3-base
gridsite-commands 2.0.4 EMI-3-base
gridsite-debuginfo 2.0.4 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base
gridsite-libs 2.0.4 EMI-3-base
gridsite-service-clients 2.0.4 EMI-3-base
is-interface 1.14.0 EMI-3-base
is-interface-debuginfo 1.14.0 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
lcas 1.3.19 EMI-3-base
lcas-debuginfo 1.3.19 EMI-3-base
lcas-devel 1.3.19 EMI-3-base
lcas-interface 1.3.19 EMI-3-base
lcas-lcmapi-gt4-interface 0.2.1 EMI-3-third-party
lcas-lcmapi-gt4-interface 0.2.6 EMI-3-third-party
lcas-plugins-basic 1.3.6 EMI-3-base
lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
lcas-plugins-check-executable 1.2.4 EMI-3-base
lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
lcas-plugins-voms 1.3.11 EMI-3-base
lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
lcg-ManageVOTag 4.0.0 EMI-3-base
lcg-expiregridmapdir 3.0.1 EMI-3-base
lcg-tags 0.4.0 EMI-3-base
lcg-util 1.14.0 EMI-3-base
lcg-util-debuginfo 1.14.0 EMI-3-base
lcg-util-devel 1.14.0 EMI-3-base
lcg-util-libs 1.14.0 EMI-3-base
lcg-util-python 1.14.0 EMI-3-base
lcgdm-dav 0.11.0 EMI-3-base
lcgdm-dav-debuginfo 0.11.0 EMI-3-base
lcgdm-dav-devel 0.11.0 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
lcgdm-dav-server 0.11.0 EMI-3-base
lcgdm-debuginfo 1.8.6 EMI-3-base
lcgdm-devel 1.8.6 EMI-3-base
lcgdm-libs 1.8.6 EMI-3-base
lcgdm-tests 1.8.4 EMI-3-base
lcgdm-tests-debuginfo 1.8.4 EMI-3-base
lcmapi 1.5.7 EMI-3-base
lcmapi-basic-interface 1.5.7 EMI-3-base
lcmapi-debuginfo 1.5.7 EMI-3-base
lcmapi-devel 1.5.7 EMI-3-base
lcmapi-globus-interface 1.5.7 EMI-3-base
lcmapi-openssl-interface 1.5.7 EMI-3-base
lcmapi-plugins-afs 1.4.0 EMI-3-base
lcmapi-plugins-afs-debuginfo 1.4.0 EMI-3-base
lcmapi-plugins-basic 1.5.1 EMI-3-base
lcmapi-plugins-basic-debuginfo 1.5.1 EMI-3-base
lcmapi-plugins-basic-ldap 1.5.1 EMI-3-base
lcmapi-plugins-c-pep 1.2.3 EMI-3-base
lcmapi-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
lcmapi-plugins-tracking-groupid 0.1.0 EMI-3-base
lcmapi-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
lcmapi-plugins-verify-proxy 1.5.4 EMI-3-base
lcmapi-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
lcmapi-plugins-voms 1.5.5 EMI-3-base
lcmapi-plugins-voms-debuginfo 1.5.5 EMI-3-base
lcmapi-without-gsi 1.5.7 EMI-3-base
lcmapi-without-gsi-devel 1.5.7 EMI-3-base
lfc 1.8.6 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
lfc-dli 1.8.6 EMI-3-base

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lfc-libs 1.8.6 EMI-3-base
lfc-perl 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
lfc-server-mysql 1.8.6 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
maui 3.3 EMI-3-third-party
maui-client 3.3 EMI-3-third-party
maui-debuginfo 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-server 3.3 EMI-3-third-party
maven 2.2.1 EMI-3-third-party
mkgltempdir 0.0.3 EMI-3-base
mpi-start 1.5.0 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
nagios-plugins-argus 1.1.0 EMI-3-base
nagios-plugins-argus-debuginfo 1.1.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
nagios-plugins-dpm-disk 0.9.4 EMI-3-base
nagios-plugins-dpm-head 0.9.4 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
nagios-plugins-fts 1.0.1 EMI-3-base
nagios-plugins-glexec 0.3.2 EMI-3-base
nagios-plugins-lcgdm 0.9.4 EMI-3-base
nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
nagios-plugins-lfc 0.9.4 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc-acix-cache 3.0.0 EMI-3-base
nordugrid-arc-acix-core 3.0.0 EMI-3-base
nordugrid-arc-acix-index 3.0.0 EMI-3-base
nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
nordugrid-arc-aris 3.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
nordugrid-arc-client-tools 1.0.6 EMI-3-base
nordugrid-arc-compute-element 1.0.6 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
nordugrid-arc-debuginfo 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-doc 1.3.0 EMI-3-base
nordugrid-arc-doxygen 3.0.0 EMI-3-base
nordugrid-arc-egiis 3.0.0 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base
nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
nordugrid-arc-hed 3.0.0 EMI-3-base
nordugrid-arc-information-index 1.0.6 EMI-3-base
nordugrid-arc-java 3.0.0 EMI-3-base
nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
nordugrid-arc-misc-utils 3.0.0 EMI-3-base
nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
nordugrid-arc-python 3.0.0 EMI-3-base
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
pseudonymity-common 1.1.1 EMI-3-base
pseudonymity-server 1.1.1 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
semmsg 1.3.2 EMI-3-base
semmsg-debuginfo 1.3.2 EMI-3-base
semmsg-devel 1.3.2 EMI-3-base
semmsg-libs 1.3.2 EMI-3-base

```

```

semsg-plugins-debuginfo 1.3.2 EMI-3-base
semsg-plugins-lcgm 1.3.2 EMI-3-base
semsg-plugins-py 1.3.2 EMI-3-base
semsg-server 1.3.2 EMI-3-base
sensor-api 1.0.0 EMI-3-base
sensor-common 1.0.0 EMI-3-base
sensor-host 1.0.0 EMI-3-base
sensor-run 1.0.0 EMI-3-base
sensor-service 1.0.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
storm-gridhttps-server 2.0.0 EMI-3-base
storm-pre-assembled-configuration 1.1.0 EMI-3-base
sts 1.0.0 EMI-3-base
tstorm 2.0.1 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
unicore-hila-emi-es 2.4.0 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
unicore-hila-shell 2.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
unicore-ucc6 6.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
unicore-uvos-server 1.6.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
voms 2.0.10 EMI-3-base
voms-clients 2.0.10 EMI-3-base
voms-debuginfo 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-doc 2.0.10 EMI-3-base
voms-server 2.0.10 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
wnodes_nameserver 2.0.4 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
xacml 1.1.2 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
xacml-devel 1.1.2 EMI-3-base
xrootd 3.2.7 EMI-3-third-party
xrootd-client 3.2.7 EMI-3-third-party
xrootd-client-admin-java 3.2.7 EMI-3-third-party
xrootd-debuginfo 3.2.7 EMI-3-third-party
xrootd-devel 3.2.7 EMI-3-third-party
xrootd-fuse 3.2.7 EMI-3-third-party
xrootd-libs 3.2.7 EMI-3-third-party
yaim-argus_server 1.6.0 EMI-3-base
yaim-argus_server-debuginfo 1.6.0 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
yaim-storm 4.3.0 EMI-3-base

```

Test Repo Contents

```

canl-c 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc44

```

CaNIC-partEMI3Update1 < EMI < TWiki

```
canl-c-devel 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-doc 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-examples 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
# missing emi-release in SL6/32
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl6/x86_64/base/emi-release-2.0.0-1.sl6.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

rpm -Uvh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/i386/base/emi-release-3.0.0-2.el6.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                               Arch      Version              Repository           Size
=====
Installing:
yum-plugin-priorities                  noarch    1.1.30-14.el6       sl                   21 k
yum-plugin-protectbase                  noarch    1.1.30-14.el6       sl                   19 k
=====
```

Transaction Summary

```
=====
Install      2 Package(s)
```

Total download size: 41 k

Installed size: 50 k

Downloading Packages:

```
-----
Total                               262 kB/s | 41 kB    00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch    2/2
Verifying   : yum-plugin-protectbase-1.1.30-14.el6.noarch    1/2
```

CaNIC-partEMI3Update1 < EMI < TWiki

Verifying : yum-plugin-priorities-1.1.30-14.el6.noarch 2/2

Installed:

yum-plugin-priorities.noarch 0:1.1.30-14.el6
yum-plugin-protectbase.noarch 0:1.1.30-14.el6

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl6/x86_64/base/emi-release-2.0.0-1.sl6.

Preparing... #####
emi-release #####

Loaded plugins: priorities, protectbase, security
114 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process

Resolving Dependencies

--> Running transaction check
---> Package canl-c.i686 0:2.0.7-1.el6 will be installed
--> Processing Dependency: libcares.so.2 for package: canl-c-2.0.7-1.el6.i686
---> Package canl-c-examples.i686 0:2.0.7-1.el6 will be installed
--> Running transaction check
---> Package c-ares.i686 0:1.7.0-5.el6 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

```
=====
```

Package	Arch	Version	Repository	Size
Installing:				
canl-c	i686	2.0.7-1.el6	epel	62 k
canl-c-examples	i686	2.0.7-1.el6	epel	12 k
Installing for dependencies:				
c-ares	i686	1.7.0-5.el6	EMI-2-third-party	52 k

Transaction Summary

```
=====
```

Install 3 Package(s)

Total download size: 127 k

Installed size: 297 k

Downloading Packages:

```
-----
```

Total 612 kB/s | 127 kB 00:00

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : c-ares-1.7.0-5.el6.i686 1/3

Installing : canl-c-2.0.7-1.el6.i686 2/3

Installing : canl-c-examples-2.0.7-1.el6.i686 3/3

Verifying : canl-c-2.0.7-1.el6.i686 1/3

Verifying : canl-c-examples-2.0.7-1.el6.i686 2/3

Verifying : c-ares-1.7.0-5.el6.i686 3/3

Installed:

canl-c.i686 0:2.0.7-1.el6 canl-c-examples.i686 0:2.0.7-1.el6

Dependency Installed:

c-ares.i686 0:1.7.0-5.el6

CaNIC-partEMI3Update1 < EMI < TWiki

```
Complete!
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/i386/base/emi-release-3.0.0-2.el6.no
Preparing... #####
emi-release #####
/tmp/org.glite.testsuites.ctb/CANL-C/tests
Loaded plugins: priorities, protectbase, security
138 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Upgrade Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.i686 0:2.0.7-1.el6 will be updated
---> Package canl-c.i386 0:2.1.1-1.el6 will be an update
---> Package canl-c-examples.i686 0:2.0.7-1.el6 will be updated
---> Package canl-c-examples.i386 0:2.1.1-1.el6 will be an update
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package          Arch Version      Repository                                          Size
=====
Updating:
canl-c           i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6 61 k
canl-c-examples i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6 11 k
```

Transaction Summary

```
=====
Upgrade      2 Package(s)
```

Total download size: 72 k

Downloading Packages:

```
-----
Total                               392 kB/s | 72 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```
Updating   : canl-c-2.1.1-1.el6.i386                      1/4
Updating   : canl-c-examples-2.1.1-1.el6.i386            2/4
Cleanup    : canl-c-examples-2.0.7-1.el6.i686            3/4
Cleanup    : canl-c-2.0.7-1.el6.i686                      4/4
Verifying  : canl-c-2.1.1-1.el6.i386                      1/4
Verifying  : canl-c-examples-2.1.1-1.el6.i386            2/4
Verifying  : canl-c-2.0.7-1.el6.i686                      3/4
Verifying  : canl-c-examples-2.0.7-1.el6.i686            4/4
```

Updated:

```
canl-c.i386 0:2.1.1-1.el6          canl-c-examples.i386 0:2.1.1-1.el6
```

Complete!

Tests

TestPlan	N/A
----------	-----

Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/
-------	---

```

Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.12-1.4.el6.i686 already installed and latest version
Package lsof-4.82-4.el6.i686 already installed and latest version
Package cvs-1.11.23-11.el6_2.1.i686 already installed and latest version
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:31:47 nympha6-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

```

Mar 27 20:31:47 nympha6-2.zcu.cz canl-test-cert-handle.sh: end
Mar 27 20:31:47 nympha6-2.zcu.cz canl-test-cs-openssl.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
Starting openssl server done
CANL client: connecting to openssl server This is the testing message to send? done
Starting canl sample server done
Openssl client: connect to CANL sample server This is a testing message to send? done
Mar 27 20:31:58 nympha6-2.zcu.cz canl-test-cs-openssl.sh: end
Mar 27 20:31:59 nympha6-2.zcu.cz canl-test-sec-connection.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
Testing server with nonexisting host certificates done
Testing server with nonexisting host key done
Testing server with nonexisting host cert and key done
Testing client: connect to server not running done
Testing client: use nonexisting proxy certificate done
Starting canl sample server done
CANL client: connect to CANL sample server server: waiting for connections... [SERVER] connection
established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"
sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established
[CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent
successfully [CLIENT] received: This is a testing message to send done
Mar 27 20:31:59 nympha6-2.zcu.cz canl-test-sec-connection.sh: end
Mar 27 20:31:59 nympha6-2.zcu.cz canl-test-sha2.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
done
Starting canl sample server done
server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the
client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is
the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server
[CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a
testing message to send done
Mar 27 20:31:59 nympha6-2.zcu.cz canl-test-sha2.sh: end

```

```

=====
TESTS END HERE
=====

```

Clean installation, Scientific 6 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha2-2.zcu.cz
Duration	0 min

Testbed uptime	20:16:02 up 5 min, 0 users, load average: 0.80, 0.82, 0.42
----------------	--

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-devel 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-doc 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-examples 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s16/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum install -y --nogpgcheck canl-c canl-c-examples
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
```

Package	Arch	Version	Repository	Size
Installing:				
yum-plugin-priorities	noarch	1.1.30-14.el6	sl	21 k
yum-plugin-protectbase	noarch	1.1.30-14.el6	sl	19 k

Transaction Summary

```
=====
Install      2 Package(s)
```

Total download size: 41 k

Installed size: 50 k

Downloading Packages:

```
-----
Total                               319 kB/s | 41 kB    00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

CaNIC-partEMI3Update1 < EMI < TWiki

```

Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch  2/2
Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch  1/2
Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch   2/2

```

```

Installed:
  yum-plugin-priorities.noarch 0:1.1.30-14.el6
  yum-plugin-protectbase.noarch 0:1.1.30-14.el6

```

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.

```

Preparing... #####
emi-release #####
/tmp/org.glite.testsuites.ctb/CANL-C/tests

```

```

Loaded plugins: priorities, protectbase, security
206 packages excluded due to repository priority protections
0 packages excluded due to repository protections

```

Setting up Install Process

Resolving Dependencies

```

--> Running transaction check
---> Package canl-c.x86_64 0:2.1.1-1.el6 will be installed
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c-2.1.1-1.el6.x86_64
---> Package canl-c-examples.x86_64 0:2.1.1-1.el6 will be installed
--> Running transaction check
---> Package c-ares.x86_64 0:1.7.0-6.el6 will be installed
--> Finished Dependency Resolution

```

Dependencies Resolved

```

=====
Package           Arch   Version      Repository                                          Size
=====
Installing:
  canl-c           x86_64 2.1.1-1.el6  ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s 63 k
  canl-c-examples x86_64 2.1.1-1.el6  ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s 11 k
Installing for dependencies:
  c-ares           x86_64 1.7.0-6.el6  sl                                                  52 k

```

Transaction Summary

```

=====
Install          3 Package(s)

```

Total download size: 126 k

Installed size: 319 k

Downloading Packages:

```

-----
Total                278 kB/s | 126 kB    00:00

```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```

Installing : c-ares-1.7.0-6.el6.x86_64      1/3
Installing : canl-c-2.1.1-1.el6.x86_64     2/3
Installing : canl-c-examples-2.1.1-1.el6.x86_64 3/3
Verifying  : canl-c-2.1.1-1.el6.x86_64     1/3
Verifying  : c-ares-1.7.0-6.el6.x86_64     2/3

```

Verifying : canl-c-examples-2.1.1-1.el6.x86_64

3/3

Installed:

canl-c.x86_64 0:2.1.1-1.el6 canl-c-examples.x86_64 0:2.1.1-1.el6

Dependency Installed:

c-ares.x86_64 0:1.7.0-6.el6

Complete!

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

Certificate file: none

gLite user: glite

Terminal width: 80

Output format: -x

Package wget-1.12-1.4.el6.x86_64 already installed and latest version

Package cvs-1.11.23-11.el6_2.1.x86_64 already installed and latest version

```

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/

```

U org.glite.testsuites.ctb/CANL-C/tests/Makefile

U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh

```

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:15:42 nympha2-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:15:42 nympha2-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:15:42 nympha2-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:15:53 nympha2-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:15:53 nympha2-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**

Mar 27 20:15:53 nympha2-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:15:53 nympha2-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**

Mar 27 20:15:54 nympha2-2.zcu.cz canl-test-sha2.sh: end

```

=====
TESTS END HERE
=====

```

Minor upgrade from production (EMI-3), Scientific 6 (x86_64)**Environment**

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha13-2.zcu.cz
Duration	0 min
Testbed uptime	20:15:56 up 6 min, 0 users, load average: 0.80, 0.79, 0.40

Production Repo Contents

```

CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
SAGA.lsu-cpp.engine 1.6.0 EMI-3-third-party
al_grid_env 3.0.2 EMI-3-base
al_grid_env-debuginfo 3.0.2 EMI-3-base
activemq 5.4.2 EMI-3-third-party
activemq-cpp-library 3.2.5 EMI-3-third-party
activemq-cpp-library-debuginfo 3.2.5 EMI-3-third-party
ant1.8 1.8.1 EMI-3-third-party
apel-client 1.0.0 EMI-3-base
apel-lib 1.0.0 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
apel-server 1.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
apr-util1.3-devel 1.3.10 EMI-3-third-party
apr1.4-devel 1.4.2 EMI-3-third-party
argus-gsi-pep-callout 1.3.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
argus-pap 1.6.0 EMI-3-base
argus-pdp 1.6.0 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
argus-pep-api-c 2.2.0 EMI-3-base
argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
argus-pep-api-c-devel 2.2.0 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
argus-pep-common 2.3.0 EMI-3-base
argus-pep-server 1.6.0 EMI-3-base
argus-pepcli 2.2.0 EMI-3-base
argus-pepcli-debuginfo 2.2.0 EMI-3-base
axis1.4 1.4 EMI-3-third-party
axis2 1.6.1 EMI-3-third-party
bdii 5.2.17 EMI-3-base
bdii-config-site 1.0.7 EMI-3-base
bdii-config-top 1.0.7 EMI-3-base
bouncycastle-mail 1.46 EMI-3-third-party
c-check 0.9.8 EMI-3-third-party
canl-c 2.0.9 EMI-3-base
canl-c++ 1.0.0 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
canl-c++-devel 1.0.0 EMI-3-base
canl-c-devel 2.0.9 EMI-3-base
canl-java-axis2 0.1.3 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base

```

condor 7.4.2 EMI-3-third-party
condor-emi 7.8.0 EMI-3-third-party
condor-lcg 1.2.0 EMI-3-third-party
cx_Oracle 5.1.2 EMI-3-third-party
davix 0.0.27 EMI-3-base
davix-debuginfo 0.0.27 EMI-3-base
davix-devel 0.0.27 EMI-3-base
davix-doc 0.0.27 EMI-3-base
davix-libs 0.0.27 EMI-3-base
dcache-server 2.2.4 EMI-3-base
dcache-srmclient 2.2.4 EMI-3-base
dcache-srmclient-debuginfo 2.2.4 EMI-3-base
dcacheVoms2Gplasma 0.0.8 EMI-3-base
dcap 2.47.7 EMI-3-base
dcap-debuginfo 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
dcap-tunnel-krb 2.47.7 EMI-3-base
dcap-tunnel-ssl 2.47.7 EMI-3-base
dcap-tunnel-telnet 2.47.7 EMI-3-base
delegation-java 3.0.13 EMI-3-base
dmlite-debuginfo 0.4.2 EMI-3-base
dmlite-plugins-adapter 0.4.1 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-librarian 0.4.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
dpm 1.8.6 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
dpm-copy-server-oracle 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
dpm-name-server-oracle 1.8.6 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
dpm-perl 1.8.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
dpm-rfio-server 1.8.6 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
dpm-server-oracle 1.8.6 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
dpm-srm-server-oracle 1.8.6 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dpm-yaim 4.2.9 EMI-3-base
dysched-generic 2.5.1 EMI-3-base
edg-mkgridmap 4.0.0 EMI-3-base
editline 2.9 EMI-3-third-party
ees 0.1.4 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
ees-devel 0.1.4 EMI-3-base
ees-pepd-oh 0.1.3 EMI-3-base

ees-pepd-oh-javadoc 0.1.3 EMI-3-base
emi-argus 1.6.0 EMI-3-base
emi-bdii-site 1.0.1 EMI-3-base
emi-bdii-top 1.0.1 EMI-3-base
emi-cream-nagios 1.0.1 EMI-3-base
emi-dcache-clients 1.0.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
emi-dpm_mysql 1.8.6 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
emi-emir 1.2.1 EMI-3-base
emi-lb 1.0.2 EMI-3-base
emi-lb-nagios-plugins 1.2.9 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base
emi-maven-common-debuginfo 1.0.0 EMI-3-base
emi-mpi 1.0.2 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
emi-pkgconfig-compatible 1.0.1 EMI-3-third-party
emi-px 1.0.2 EMI-3-base
emi-release 3.0.0 EMI-3-base
emi-resource-information-service 1.0.3 EMI-3-base
emi-slurm-client 1.0.1 EMI-3-base
emi-slurm-utils 1.0.1 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-gridhttps-mp 1.0.0 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
emi-storm-srm-client-mp 1.0.0 EMI-3-base
emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
emi-torque-client 1.0.0 EMI-3-base
emi-torque-server 1.0.0 EMI-3-base
emi-torque-utils 2.0.1 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-third-party
emi-trustmanager-axis 2.0.2 EMI-3-third-party
emi-trustmanager-axis2 1.0.1 EMI-3-third-party
emi-trustmanager-test 2.0.2 EMI-3-third-party
emi-trustmanager-tomcat 3.0.1 EMI-3-third-party
emi-ui 3.0.0 EMI-3-base
emi-version 3.0.0 EMI-3-base
emi-version-debuginfo 3.0.0 EMI-3-base
emi-voms-mysql 1.1.0 EMI-3-base
emi-voms-oracle 1.1.0 EMI-3-base
emi-wms 3.5.0 EMI-3-base
emi-wms-nagios 3.5.0 EMI-3-base
emi-wn 3.0.0 EMI-3-base
emi.amga.amga-cli 2.4.0 EMI-3-base
emi.amga.amga-cli-debuginfo 2.4.0 EMI-3-base
emi.amga.amga-server 2.4.0 EMI-3-base
emi.amga.amga-server-debuginfo 2.4.0 EMI-3-base
emi.dcache.srm-probes 1.0.0 EMI-3-base
emi.saga-adapter.context-cpp 1.0.2 EMI-3-base
emi.saga-adapter.context-cpp-debuginfo 1.0.2 EMI-3-base
emi.saga-adapter.isn-common 1.0.1 EMI-3-base
emi.saga-adapter.isn-cpp 1.0.3 EMI-3-base
emi.saga-adapter.isn-cpp-debuginfo 1.0.3 EMI-3-base
emi.saga-adapter.sd-cpp 1.0.4 EMI-3-base
emi.saga-adapter.sd-cpp-debuginfo 1.0.4 EMI-3-base
emir-serp 1.2.1 EMI-3-base
fts-debuginfo 0.0.1 EMI-3-base
fts-mysql-devel 0.0.1 EMI-3-base
fts2-client 2.2.9 EMI-3-base

fts2-client-debuginfo 2.2.9 EMI-3-base
 fts2-devel 2.2.9 EMI-3-base
 gfal 1.14.0 EMI-3-base
 gfal 1.14.0 EMI-3-base
 gfal-debuginfo 1.14.0 EMI-3-base
 gfal-devel 1.14.0 EMI-3-base
 gfal-devel 1.14.0 EMI-3-base
 gfal-doc 1.14.0 EMI-3-base
 gfal-python 1.14.0 EMI-3-base
 gfal2-core 2.1.0 EMI-3-base
 gfal2-debuginfo 2.1.0 EMI-3-base
 gfal2-devel 2.1.0 EMI-3-base
 gfal2-python 1.1.0 EMI-3-base
 gfal2-python-debuginfo 1.1.0 EMI-3-base
 gfal2-python-doc 1.1.0 EMI-3-base
 gfal2-transfer 2.1.0 EMI-3-base
 gfal2-utils 0.0.14 EMI-3-base
 gfal2-utils-debuginfo 0.0.14 EMI-3-base
 gfalFS 1.0.1 EMI-3-base
 gfalFS-debuginfo 1.0.1 EMI-3-base
 glexec 0.9.8 EMI-3-base
 glexec-debuginfo 0.9.8 EMI-3-base
 glexec-wn 1.2.0 EMI-3-base
 glexec-wrapper-scripts 0.0.7 EMI-3-base
 glite-build-common-cpp 3.3.3 EMI-3-base
 glite-ce-cream-cli 1.15.1 EMI-3-base
 glite-ce-cream-client-api-c 1.15.1 EMI-3-base
 glite-ce-cream-client-devel 1.15.1 EMI-3-base
 glite-ce-monitor-cli 1.15.1 EMI-3-base
 glite-ce-monitor-client-api-c 1.15.1 EMI-3-base
 glite-ce-monitor-client-devel 1.15.1 EMI-3-base
 glite-ce-wsdl 1.15.1 EMI-3-base
 glite-info-plugin-fcr 3.0.5 EMI-3-base
 glite-info-provider-ldap 1.4.4 EMI-3-base
 glite-info-provider-service 1.12.0 EMI-3-base
 glite-info-site 0.4.0 EMI-3-base
 glite-info-static 0.2.0 EMI-3-base
 glite-info-update-endpoints 2.0.12 EMI-3-base
 glite-initscript-globus-gridftp 1.0.4 EMI-3-base
 glite-jdl-api-cpp 3.4.1 EMI-3-base
 glite-jdl-api-cpp-devel 3.4.1 EMI-3-base
 glite-jdl-api-cpp-doc 3.4.1 EMI-3-base
 glite-jdl-api-java 3.3.1 EMI-3-base
 glite-jdl-api-java-doc 3.3.1 EMI-3-base
 glite-jobid-api-c 2.2.7 EMI-3-base
 glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
 glite-jobid-api-c-devel 2.2.7 EMI-3-base
 glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
 glite-jobid-api-java 1.3.4 EMI-3-base
 glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
 glite-lb-client 6.0.5 EMI-3-base
 glite-lb-client-debuginfo 6.0.5 EMI-3-base
 glite-lb-client-devel 6.0.5 EMI-3-base
 glite-lb-client-java 2.0.2 EMI-3-base
 glite-lb-client-java-debuginfo 2.0.2 EMI-3-base
 glite-lb-client-progs 6.0.5 EMI-3-base
 glite-lb-common 9.0.5 EMI-3-base
 glite-lb-common-debuginfo 9.0.5 EMI-3-base
 glite-lb-common-devel 9.0.5 EMI-3-base
 glite-lb-doc 1.4.11 EMI-3-base
 glite-lb-harvester 1.3.8 EMI-3-base
 glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
 glite-lb-logger 2.4.15 EMI-3-base
 glite-lb-logger-debuginfo 2.4.15 EMI-3-base
 glite-lb-logger-devel 2.4.15 EMI-3-base
 glite-lb-logger-msg 1.2.8 EMI-3-base
 glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base

glite-lb-server 3.0.7 EMI-3-base
glite-lb-server-debuginfo 3.0.7 EMI-3-base
glite-lb-state-machine 2.0.4 EMI-3-base
glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
glite-lb-state-machine-devel 2.0.4 EMI-3-base
glite-lb-state-machine-plugins 2.0.4 EMI-3-base
glite-lb-types 2.0.5 EMI-3-base
glite-lb-utils 2.3.6 EMI-3-base
glite-lb-utils-debuginfo 2.3.6 EMI-3-base
glite-lb-ws-interface 4.0.4 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
glite-lb-yaim 4.5.8 EMI-3-base
glite-lbjp-common-db 3.2.6 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
glite-lbjp-common-db-devel 3.2.6 EMI-3-base
glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
glite-lbjp-common-gss 3.2.11 EMI-3-base
glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
glite-lbjp-common-log 1.3.6 EMI-3-base
glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
glite-lbjp-common-log-devel 1.3.6 EMI-3-base
glite-lbjp-common-maildir 2.3.6 EMI-3-base
glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
glite-lbjp-common-server-bones 2.3.6 EMI-3-base
glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
glite-lbjp-common-trio 2.3.8 EMI-3-base
glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
glite-px-myproxy-yaim 4.1.12 EMI-3-base
glite-px-proxyrenewal 1.3.31 EMI-3-base
glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
glite-service-discovery-api-c 2.2.3 EMI-3-third-party
glite-service-discovery-bdii-c 2.2.0 EMI-3-third-party
glite-wms-brokerinfo-access 3.5.0 EMI-3-base
glite-wms-brokerinfo-access-devel 3.5.0 EMI-3-base
glite-wms-brokerinfo-access-doc 3.5.0 EMI-3-base
glite-wms-brokerinfo-access-lib 3.5.0 EMI-3-base
glite-wms-common 3.5.0 EMI-3-base
glite-wms-common-devel 3.5.0 EMI-3-base
glite-wms-configuration 3.5.0 EMI-3-base
glite-wms-core 3.5.0 EMI-3-base
glite-wms-core-devel 3.5.0 EMI-3-base
glite-wms-ice 3.5.0 EMI-3-base
glite-wms-interface 3.5.0 EMI-3-base
glite-wms-jobsubmission 3.5.0 EMI-3-base
glite-wms-jobsubmission-devel 3.5.0 EMI-3-base
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glite-wms-purger 3.5.0 EMI-3-base
glite-wms-purger-devel 3.5.0 EMI-3-base
glite-wms-ui-api-python 3.5.0 EMI-3-base
glite-wms-ui-commands 3.5.0 EMI-3-base
glite-wms-utils-classad 3.4.1 EMI-3-base
glite-wms-utils-classad-devel 3.4.1 EMI-3-base
glite-wms-utils-exception 3.4.1 EMI-3-base
glite-wms-utils-exception-devel 3.4.1 EMI-3-base

glite-wms-wmproxy-api-cpp 3.5.0 EMI-3-base
 glite-wms-wmproxy-api-cpp-devel 3.5.0 EMI-3-base
 glite-wms-wmproxy-api-cpp-doc 3.5.0 EMI-3-base
 glite-wn-info 1.0.3 EMI-3-base
 glite-yaim-bdii 4.3.13 EMI-3-base
 glite-yaim-clients 5.2.0 EMI-3-base
 glite-yaim-core 5.1.1 EMI-3-base
 glite-yaim-mpi 1.1.12 EMI-3-base
 glite-yaim-torque-client 5.1.0 EMI-3-base
 glite-yaim-torque-server 5.1.0 EMI-3-base
 glite-yaim-torque-utils 5.1.1 EMI-3-base
 globus-ftp-control 4.4 EMI-3-third-party
 globus-ftp-control 4.4 EMI-3-third-party
 globus-ftp-control-debuginfo 4.4 EMI-3-third-party
 globus-ftp-control-devel 4.4 EMI-3-third-party
 globus-ftp-control-devel 4.4 EMI-3-third-party
 globus-ftp-control-doc 4.4 EMI-3-third-party
 globus-gridftp-server 6.16 EMI-3-third-party
 globus-gridftp-server 6.16 EMI-3-third-party
 globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-progs 6.16 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist-debuginfo 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-doc 8.6 EMI-3-third-party
 globus-gss-assist-progs 8.6 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io-debuginfo 9.3 EMI-3-third-party
 globus-io-devel 9.3 EMI-3-third-party
 globus-io-devel 9.3 EMI-3-third-party
 glue-schema 2.0.10 EMI-3-base
 glue-validator 1.0.5 EMI-3-base
 glue-validator-cron 1.0.2 EMI-3-base
 gridftp-ifce 2.3.0 EMI-3-base
 gridftp-ifce 2.3.0 EMI-3-base
 gridftp-ifce-debuginfo 2.3.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 gridsite 2.0.4 EMI-3-base
 gridsite-commands 2.0.4 EMI-3-base
 gridsite-debuginfo 2.0.4 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-service-clients 2.0.4 EMI-3-base
 gsoap2.7-devel 2.7.6b EMI-3-third-party
 gwt-lib 1.7.1 EMI-3-third-party
 info-dynamic-scheduler-slurm 1.0.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface-debuginfo 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 jclassads 2.4.0 EMI-3-third-party
 jug 1.1 EMI-3-third-party
 kill-stale-ftp 1.0.1 EMI-3-base

lcas 1.3.19 EMI-3-base
 lcas-debuginfo 1.3.19 EMI-3-base
 lcas-devel 1.3.19 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 lcas-lcmapi-gt4-interface 0.2.6 EMI-3-third-party
 lcas-plugins-basic 1.3.6 EMI-3-base
 lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
 lcas-plugins-check-executable 1.2.4 EMI-3-base
 lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
 lcas-plugins-voms 1.3.11 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lcg-ManagementVOTag 4.0.0 EMI-3-base
 lcg-expiregridmapdir 3.0.1 EMI-3-base
 lcg-info 1.12.2 EMI-3-base
 lcg-info-dynamic-scheduler-pbs 2.4.1 EMI-3-base
 lcg-infosites 3.1.0 EMI-3-base
 lcg-pbs-utils 2.0.0 EMI-3-base
 lcg-pbs-utils-debuginfo 2.0.0 EMI-3-base
 lcg-tags 0.4.0 EMI-3-base
 lcg-util 1.14.0 EMI-3-base
 lcg-util-debuginfo 1.14.0 EMI-3-base
 lcg-util-devel 1.14.0 EMI-3-base
 lcg-util-devel 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 lcg-util-python 1.14.0 EMI-3-base
 lcgdm-dav 0.11.0 EMI-3-base
 lcgdm-dav 0.11.0 EMI-3-base
 lcgdm-dav-debuginfo 0.11.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 lcgdm-dav-server 0.11.0 EMI-3-base
 lcgdm-debuginfo 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-oracle-debuginfo 1.8.6 EMI-3-base
 lcgdm-tests 1.8.4 EMI-3-base
 lcgdm-tests-debuginfo 1.8.4 EMI-3-base
 lcmapi 1.5.7 EMI-3-base
 lcmapi-basic-interface 1.5.7 EMI-3-base
 lcmapi-debuginfo 1.5.7 EMI-3-base
 lcmapi-devel 1.5.7 EMI-3-base
 lcmapi-globus-interface 1.5.7 EMI-3-base
 lcmapi-openssl-interface 1.5.7 EMI-3-base
 lcmapi-plugins-afs 1.4.0 EMI-3-base
 lcmapi-plugins-afs-debuginfo 1.4.0 EMI-3-base
 lcmapi-plugins-basic 1.5.1 EMI-3-base
 lcmapi-plugins-basic-debuginfo 1.5.1 EMI-3-base
 lcmapi-plugins-basic-ldap 1.5.1 EMI-3-base
 lcmapi-plugins-c-pep 1.2.3 EMI-3-base
 lcmapi-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
 lcmapi-plugins-tracking-groupid 0.1.0 EMI-3-base
 lcmapi-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
 lcmapi-plugins-verify-proxy 1.5.4 EMI-3-base
 lcmapi-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
 lcmapi-plugins-voms 1.5.5 EMI-3-base
 lcmapi-plugins-voms-debuginfo 1.5.5 EMI-3-base
 lcmapi-without-gsi 1.5.7 EMI-3-base
 lcmapi-without-gsi-devel 1.5.7 EMI-3-base
 lfc 1.8.6 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 lfc-dli 1.8.6 EMI-3-base

lfc-libs 1.8.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
lfc-perl 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
lfc-server-mysql 1.8.6 EMI-3-base
lfc-server-oracle 1.8.6 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
libcurl-openssl 7.21.7 EMI-3-third-party
libcurl-openssl-devel 7.21.7 EMI-3-third-party
maui 3.3 EMI-3-third-party
maui-client 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-server 3.3 EMI-3-third-party
maven 2.2.1 EMI-3-third-party
mkgltmpdir 0.0.3 EMI-3-base
mongo-10gen 2.0.4 EMI-3-third-party
mongo-10gen-server 2.0.4 EMI-3-third-party
mpi-start 1.5.0 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
nagios-plugins-argus 1.1.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
nagios-plugins-dpm-disk 0.9.4 EMI-3-base
nagios-plugins-dpm-head 0.9.4 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
nagios-plugins-fts 1.0.1 EMI-3-base
nagios-plugins-glexec 0.3.2 EMI-3-base
nagios-plugins-lcgdm 0.9.4 EMI-3-base
nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
nagios-plugins-lfc 0.9.4 EMI-3-base
nagios-plugins-voms 1.0.0 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc-acix-cache 3.0.0 EMI-3-base
nordugrid-arc-acix-core 3.0.0 EMI-3-base
nordugrid-arc-acix-index 3.0.0 EMI-3-base
nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
nordugrid-arc-aris 3.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
nordugrid-arc-client-tools 1.0.6 EMI-3-base
nordugrid-arc-compute-element 1.0.6 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
nordugrid-arc-debuginfo 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-doc 1.3.0 EMI-3-base
nordugrid-arc-doxygen 3.0.0 EMI-3-base
nordugrid-arc-egiis 3.0.0 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base
nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
nordugrid-arc-hed 3.0.0 EMI-3-base
nordugrid-arc-information-index 1.0.6 EMI-3-base
nordugrid-arc-java 3.0.0 EMI-3-base
nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
nordugrid-arc-misc-utils 3.0.0 EMI-3-base
nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base

nordugrid-arc-python 3.0.0 EMI-3-base
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
pseudonymity-common 1.1.1 EMI-3-base
pseudonymity-server 1.1.1 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
semsg 1.3.2 EMI-3-base
semsg-debuginfo 1.3.2 EMI-3-base
semsg-devel 1.3.2 EMI-3-base
semsg-libs 1.3.2 EMI-3-base
semsg-plugins-debuginfo 1.3.2 EMI-3-base
semsg-plugins-lcgdm 1.3.2 EMI-3-base
semsg-plugins-py 1.3.2 EMI-3-base
semsg-server 1.3.2 EMI-3-base
sensor-api 1.0.0 EMI-3-base
sensor-common 1.0.0 EMI-3-base
sensor-host 1.0.0 EMI-3-base
sensor-run 1.0.0 EMI-3-base
sensor-service 1.0.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
storm-backend-server 1.11.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
storm-frontend-server 1.8.1 EMI-3-base
storm-globus-gridftp-server 1.2.0 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
storm-gridhttps-server 2.0.0 EMI-3-base
storm-pre-assembled-configuration 1.1.0 EMI-3-base
storm-srm-client 1.6.0 EMI-3-base
storm-xmlrpc-c 1.25.10 EMI-3-base
storm-xmlrpc-c-apps 1.25.10 EMI-3-base
storm-xmlrpc-c-c++ 1.25.10 EMI-3-base
storm-xmlrpc-c-client 1.25.10 EMI-3-base
storm-xmlrpc-c-client++ 1.25.10 EMI-3-base
storm-xmlrpc-c-debuginfo 1.25.10 EMI-3-base
storm-xmlrpc-c-devel 1.25.10 EMI-3-base
sts 1.0.0 EMI-3-base
tstorm 2.0.1 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
unicore-configurator 1.0.0 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
unicore-hila-emi-es 2.4.0 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
unicore-hila-shell 2.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
unicore-nagios-plugins 2.3.2 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
unicore-ucc6 6.0.0 EMI-3-base
unicore-unicorex6 6.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
unicore-uvos-server 1.6.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
voms 2.0.10 EMI-3-base
voms 2.0.10 EMI-3-base
voms-admin-client 2.0.18 EMI-3-base
voms-admin-server 3.0.0 EMI-3-base
voms-api-java3 3.0.0 EMI-3-base
voms-api-java3-javadoc 3.0.0 EMI-3-base
voms-clients 2.0.10 EMI-3-base
voms-clients3 3.0.0 EMI-3-base
voms-debuginfo 2.0.10 EMI-3-base

CaNIC-partEMI3Update1 < EMI < TWiki

```
voms-devel 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-doc 2.0.10 EMI-3-base
voms-mysql-plugin 3.1.6 EMI-3-base
voms-mysql-plugin-debuginfo 3.1.6 EMI-3-base
voms-oracle-plugin 3.1.15 EMI-3-base
voms-oracle-plugin-debuginfo 3.1.15 EMI-3-base
voms-server 2.0.10 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
wnodes_cloud 1.0.0 EMI-3-base
wnodes_hypervisor 2.0.5 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
wnodes_nameserver 2.0.4 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
xacml 1.1.2 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
xacml-devel 1.1.2 EMI-3-base
xrootd-client-admin-java 3.2.7 EMI-3-third-party
xrootd-debuginfo 3.2.7 EMI-3-third-party
xrootd-devel 3.2.7 EMI-3-third-party
xrootd-libs 3.2.7 EMI-3-third-party
yaim-argus_server 1.6.0 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
yaim-storm 4.3.0 EMI-3-base
```

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-devel 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-doc 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-examples 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s16/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
```

Test Repo Contents

CaNIC-partEMI3Update1 < EMI < TWiki

--> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

```
=====
Package                Arch      Version      Repository    Size
=====
Installing:
yum-plugin-priorities  noarch   1.1.30-14.el6  sl            21 k
yum-plugin-protectbase noarch   1.1.30-14.el6  sl            19 k
=====
```

Transaction Summary

Install 2 Package(s)

Total download size: 41 k
Installed size: 50 k
Downloading Packages:

Total 190 kB/s | 41 kB 00:00

Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction

```
Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch    2/2
Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch    1/2
Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch     2/2
```

Installed:

```
yum-plugin-priorities.noarch 0:1.1.30-14.el6
yum-plugin-protectbase.noarch 0:1.1.30-14.el6
```

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.

Preparing... #####

emi-release #####

Loaded plugins: priorities, protectbase, security

195 packages excluded due to repository priority protections

0 packages excluded due to repository protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

--> Package canl-c.x86_64 0:2.0.9-1.el6 will be installed

--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c-2.0.9-1.el6.x86_64

--> Package canl-c-examples.x86_64 0:2.0.9-1.el6 will be installed

--> Running transaction check

--> Package c-ares.x86_64 0:1.7.0-6.el6 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

```
=====
Package                Arch      Version      Repository    Size
=====
Installing:
canl-c                 x86_64    2.0.9-1.el6  EMI-3-base    63 k
canl-c-examples        x86_64    2.0.9-1.el6  EMI-3-base    11 k
Installing for dependencies:
c-ares                 x86_64    1.7.0-6.el6  sl            52 k
=====
```

CaNIC-partEMI3Update1 < EMI < TWiki

Transaction Summary

Install 3 Package(s)

Total download size: 126 k

Installed size: 319 k

Downloading Packages:

Total 244 kB/s | 126 kB 00:00

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : c-ares-1.7.0-6.el6.x86_64 1/3

Installing : canl-c-2.0.9-1.el6.x86_64 2/3

Installing : canl-c-examples-2.0.9-1.el6.x86_64 3/3

Verifying : canl-c-2.0.9-1.el6.x86_64 1/3

Verifying : c-ares-1.7.0-6.el6.x86_64 2/3

Verifying : canl-c-examples-2.0.9-1.el6.x86_64 3/3

Installed:

canl-c.x86_64 0:2.0.9-1.el6 canl-c-examples.x86_64 0:2.0.9-1.el6

Dependency Installed:

c-ares.x86_64 0:1.7.0-6.el6

Complete!

/tmp/org.glibtestsuites.ctb/CANL-C/tests

Loaded plugins: priorities, protectbase, security

206 packages excluded due to repository priority protections

0 packages excluded due to repository protections

Setting up Upgrade Process

Resolving Dependencies

--> Running transaction check

---> Package canl-c.x86_64 0:2.0.9-1.el6 will be updated

---> Package canl-c.x86_64 0:2.1.1-1.el6 will be an update

---> Package canl-c-examples.x86_64 0:2.0.9-1.el6 will be updated

---> Package canl-c-examples.x86_64 0:2.1.1-1.el6 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

Package	Arch	Version	Repository	Size
---------	------	---------	------------	------

Updating:

canl-c	x86_64	2.1.1-1.el6	ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s	63 k
--------	--------	-------------	---	------

canl-c-examples	x86_64	2.1.1-1.el6	ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s	11 k
-----------------	--------	-------------	---	------

Transaction Summary

Upgrade 2 Package(s)

Total download size: 74 k

Downloading Packages:

Total 126 kB/s | 74 kB 00:00

Running rpm_check_debug

Running Transaction Test

Full Output of the Installation

CaNIC-partEMI3Update1 < EMI < TWiki

Transaction Test Succeeded

Running Transaction

```
Updating      : canl-c-2.1.1-1.el6.x86_64          1/4
Updating      : canl-c-examples-2.1.1-1.el6.x86_64 2/4
Cleanup       : canl-c-examples-2.0.9-1.el6.x86_64 3/4
Cleanup       : canl-c-2.0.9-1.el6.x86_64         4/4
Verifying     : canl-c-2.1.1-1.el6.x86_64          1/4
Verifying     : canl-c-examples-2.1.1-1.el6.x86_64 2/4
Verifying     : canl-c-2.0.9-1.el6.x86_64         3/4
Verifying     : canl-c-examples-2.0.9-1.el6.x86_64 4/4
```

Updated:

```
canl-c.x86_64 0:2.1.1-1.el6          canl-c-examples.x86_64 0:2.1.1-1.el6
```

Complete!

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

Certificate file: none

gLite user: glite

Terminal width: 80

Output format: -x

Package wget-1.12-1.4.el6.x86_64 already installed and latest version

Package cvs-1.11.23-11.el6_2.1.x86_64 already installed and latest version

```
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert
```

```

`/tmp/test-certs.root/grid-security/certificates/cld9b6d3.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/cld9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:15:36 nympha13-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:15:36 nympha13-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:15:36 nympha13-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:15:47 nympha13-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:15:47 nympha13-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]

received: This is a testing message to send server: waiting for connections... [SERVER] connection

established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"

sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:15:47 nympha13-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:15:47 nympha13-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

```
server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the
client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is
the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server
[CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a
testing message to send done
```

Mar 27 20:15:48 nympha13-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Major upgrade from production (EMI-2 to EMI-3), Scientific 6 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha7-2.zcu.cz
Duration	0 min
Testbed uptime	20:16:53 up 7 min, 0 users, load average: 0.93, 0.97, 0.54

Production Repo Contents

```
CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
SAGA.lsu-cpp.engine 1.6.0 EMI-3-third-party
a1_grid_env 3.0.2 EMI-3-base
a1_grid_env-debuginfo 3.0.2 EMI-3-base
activemq 5.4.2 EMI-3-third-party
activemq-cpp-library 3.2.5 EMI-3-third-party
activemq-cpp-library-debuginfo 3.2.5 EMI-3-third-party
ant1.8 1.8.1 EMI-3-third-party
apel-client 1.0.0 EMI-3-base
apel-lib 1.0.0 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
apel-server 1.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
apr-util1.3-devel 1.3.10 EMI-3-third-party
apr1.4-devel 1.4.2 EMI-3-third-party
argus-gsi-pep-callout 1.3.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
argus-pap 1.6.0 EMI-3-base
argus-pdp 1.6.0 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
argus-pep-api-c 2.2.0 EMI-3-base
argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
argus-pep-api-c-devel 2.2.0 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
argus-pep-common 2.3.0 EMI-3-base
argus-pep-server 1.6.0 EMI-3-base
argus-pepcli 2.2.0 EMI-3-base
argus-pepcli-debuginfo 2.2.0 EMI-3-base
axis1.4 1.4 EMI-3-third-party
```

axis2 1.6.1 EMI-3-third-party
bdii 5.2.17 EMI-3-base
bdii-config-site 1.0.7 EMI-3-base
bdii-config-top 1.0.7 EMI-3-base
bouncycastle-mail 1.46 EMI-3-third-party
c-check 0.9.8 EMI-3-third-party
canl-c 2.0.9 EMI-3-base
canl-c++ 1.0.0 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
canl-c++-devel 1.0.0 EMI-3-base
canl-c-devel 2.0.9 EMI-3-base
canl-java-axis2 0.1.3 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base
condor 7.4.2 EMI-3-third-party
condor-emi 7.8.0 EMI-3-third-party
condor-lcg 1.2.0 EMI-3-third-party
cx_Oracle 5.1.2 EMI-3-third-party
davix 0.0.27 EMI-3-base
davix-debuginfo 0.0.27 EMI-3-base
davix-devel 0.0.27 EMI-3-base
davix-doc 0.0.27 EMI-3-base
davix-libs 0.0.27 EMI-3-base
dcache-server 2.2.4 EMI-3-base
dcache-srmclient 2.2.4 EMI-3-base
dcache-srmclient-debuginfo 2.2.4 EMI-3-base
dcacheVoms2Gplasma 0.0.8 EMI-3-base
dcap 2.47.7 EMI-3-base
dcap-debuginfo 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
dcap-tunnel-krb 2.47.7 EMI-3-base
dcap-tunnel-ssl 2.47.7 EMI-3-base
dcap-tunnel-telnet 2.47.7 EMI-3-base
delegation-java 3.0.13 EMI-3-base
dmlite-debuginfo 0.4.2 EMI-3-base
dmlite-plugins-adapter 0.4.1 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-librarian 0.4.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
dpm 1.8.6 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
dpm-copy-server-oracle 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
dpm-name-server-oracle 1.8.6 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
dpm-perl 1.8.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base

dpm-rfio-server 1.8.6 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
dpm-server-oracle 1.8.6 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
dpm-srm-server-oracle 1.8.6 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dpm-yaim 4.2.9 EMI-3-base
dysched-generic 2.5.1 EMI-3-base
edg-mkgridmap 4.0.0 EMI-3-base
editline 2.9 EMI-3-third-party
ees 0.1.4 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
ees-devel 0.1.4 EMI-3-base
ees-pepd-oh 0.1.3 EMI-3-base
ees-pepd-oh-javadoc 0.1.3 EMI-3-base
emi-argus 1.6.0 EMI-3-base
emi-bdii-site 1.0.1 EMI-3-base
emi-bdii-top 1.0.1 EMI-3-base
emi-cream-nagios 1.0.1 EMI-3-base
emi-dcache-clients 1.0.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
emi-dpm_mysql 1.8.6 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
emi-emir 1.2.1 EMI-3-base
emi-lb 1.0.2 EMI-3-base
emi-lb-nagios-plugins 1.2.9 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base
emi-maven-common-debuginfo 1.0.0 EMI-3-base
emi-mpi 1.0.2 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
emi-pkgconfig-compat 1.0.1 EMI-3-third-party
emi-px 1.0.2 EMI-3-base
emi-release 3.0.0 EMI-3-base
emi-resource-information-service 1.0.3 EMI-3-base
emi-slurm-client 1.0.1 EMI-3-base
emi-slurm-utils 1.0.1 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-gridhttps-mp 1.0.0 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
emi-storm-srm-client-mp 1.0.0 EMI-3-base
emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
emi-torque-client 1.0.0 EMI-3-base
emi-torque-server 1.0.0 EMI-3-base
emi-torque-utils 2.0.1 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-third-party
emi-trustmanager-axis 2.0.2 EMI-3-third-party
emi-trustmanager-axis2 1.0.1 EMI-3-third-party
emi-trustmanager-test 2.0.2 EMI-3-third-party
emi-trustmanager-tomcat 3.0.1 EMI-3-third-party
emi-ui 3.0.0 EMI-3-base
emi-version 3.0.0 EMI-3-base
emi-version-debuginfo 3.0.0 EMI-3-base
emi-voms-mysql 1.1.0 EMI-3-base
emi-voms-oracle 1.1.0 EMI-3-base
emi-wms 3.5.0 EMI-3-base
emi-wms-nagios 3.5.0 EMI-3-base
emi-wn 3.0.0 EMI-3-base
emi.amga.amga-cli 2.4.0 EMI-3-base
emi.amga.amga-cli-debuginfo 2.4.0 EMI-3-base

emi.amga.amga-server 2.4.0 EMI-3-base
emi.amga.amga-server-debuginfo 2.4.0 EMI-3-base
emi.dcache.srm-probes 1.0.0 EMI-3-base
emi.saga-adapter.context-cpp 1.0.2 EMI-3-base
emi.saga-adapter.context-cpp-debuginfo 1.0.2 EMI-3-base
emi.saga-adapter.isn-common 1.0.1 EMI-3-base
emi.saga-adapter.isn-cpp 1.0.3 EMI-3-base
emi.saga-adapter.isn-cpp-debuginfo 1.0.3 EMI-3-base
emi.saga-adapter.sd-cpp 1.0.4 EMI-3-base
emi.saga-adapter.sd-cpp-debuginfo 1.0.4 EMI-3-base
emir-serp 1.2.1 EMI-3-base
fts-debuginfo 0.0.1 EMI-3-base
fts-mysql-devel 0.0.1 EMI-3-base
fts2-client 2.2.9 EMI-3-base
fts2-client-debuginfo 2.2.9 EMI-3-base
fts2-devel 2.2.9 EMI-3-base
gfal 1.14.0 EMI-3-base
gfal 1.14.0 EMI-3-base
gfal-debuginfo 1.14.0 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
gfal-doc 1.14.0 EMI-3-base
gfal-python 1.14.0 EMI-3-base
gfal2-core 2.1.0 EMI-3-base
gfal2-debuginfo 2.1.0 EMI-3-base
gfal2-devel 2.1.0 EMI-3-base
gfal2-python 1.1.0 EMI-3-base
gfal2-python-debuginfo 1.1.0 EMI-3-base
gfal2-python-doc 1.1.0 EMI-3-base
gfal2-transfer 2.1.0 EMI-3-base
gfal2-utils 0.0.14 EMI-3-base
gfal2-utils-debuginfo 0.0.14 EMI-3-base
gfalFS 1.0.1 EMI-3-base
gfalFS-debuginfo 1.0.1 EMI-3-base
glexec 0.9.8 EMI-3-base
glexec-debuginfo 0.9.8 EMI-3-base
glexec-wn 1.2.0 EMI-3-base
glexec-wrapper-scripts 0.0.7 EMI-3-base
glite-build-common-cpp 3.3.3 EMI-3-base
glite-ce-cream-cli 1.15.1 EMI-3-base
glite-ce-cream-client-api-c 1.15.1 EMI-3-base
glite-ce-cream-client-devel 1.15.1 EMI-3-base
glite-ce-monitor-cli 1.15.1 EMI-3-base
glite-ce-monitor-client-api-c 1.15.1 EMI-3-base
glite-ce-monitor-client-devel 1.15.1 EMI-3-base
glite-ce-wsdl 1.15.1 EMI-3-base
glite-info-plugin-fcr 3.0.5 EMI-3-base
glite-info-provider-ldap 1.4.4 EMI-3-base
glite-info-provider-service 1.12.0 EMI-3-base
glite-info-site 0.4.0 EMI-3-base
glite-info-static 0.2.0 EMI-3-base
glite-info-update-endpoints 2.0.12 EMI-3-base
glite-initscript-globus-gridftp 1.0.4 EMI-3-base
glite-jdl-api-cpp 3.4.1 EMI-3-base
glite-jdl-api-cpp-devel 3.4.1 EMI-3-base
glite-jdl-api-cpp-doc 3.4.1 EMI-3-base
glite-jdl-api-java 3.3.1 EMI-3-base
glite-jdl-api-java-doc 3.3.1 EMI-3-base
glite-jobid-api-c 2.2.7 EMI-3-base
glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
glite-jobid-api-c-devel 2.2.7 EMI-3-base
glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
glite-jobid-api-java 1.3.4 EMI-3-base
glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
glite-lb-client 6.0.5 EMI-3-base
glite-lb-client-debuginfo 6.0.5 EMI-3-base
glite-lb-client-devel 6.0.5 EMI-3-base

glite-lb-client-java 2.0.2 EMI-3-base
glite-lb-client-java-debuginfo 2.0.2 EMI-3-base
glite-lb-client-progs 6.0.5 EMI-3-base
glite-lb-common 9.0.5 EMI-3-base
glite-lb-common-debuginfo 9.0.5 EMI-3-base
glite-lb-common-devel 9.0.5 EMI-3-base
glite-lb-doc 1.4.11 EMI-3-base
glite-lb-harvester 1.3.8 EMI-3-base
glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
glite-lb-logger 2.4.15 EMI-3-base
glite-lb-logger-debuginfo 2.4.15 EMI-3-base
glite-lb-logger-devel 2.4.15 EMI-3-base
glite-lb-logger-msg 1.2.8 EMI-3-base
glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
glite-lb-server 3.0.7 EMI-3-base
glite-lb-server-debuginfo 3.0.7 EMI-3-base
glite-lb-state-machine 2.0.4 EMI-3-base
glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
glite-lb-state-machine-devel 2.0.4 EMI-3-base
glite-lb-state-machine-plugins 2.0.4 EMI-3-base
glite-lb-types 2.0.5 EMI-3-base
glite-lb-utils 2.3.6 EMI-3-base
glite-lb-utils-debuginfo 2.3.6 EMI-3-base
glite-lb-ws-interface 4.0.4 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
glite-lb-yaim 4.5.8 EMI-3-base
glite-lbjp-common-db 3.2.6 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
glite-lbjp-common-db-devel 3.2.6 EMI-3-base
glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
glite-lbjp-common-gss 3.2.11 EMI-3-base
glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
glite-lbjp-common-log 1.3.6 EMI-3-base
glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
glite-lbjp-common-log-devel 1.3.6 EMI-3-base
glite-lbjp-common-maildir 2.3.6 EMI-3-base
glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
glite-lbjp-common-server-bones 2.3.6 EMI-3-base
glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
glite-lbjp-common-trio 2.3.8 EMI-3-base
glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
glite-px-myproxy-yaim 4.1.12 EMI-3-base
glite-px-proxyrenewal 1.3.31 EMI-3-base
glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
glite-service-discovery-api-c 2.2.3 EMI-3-third-party
glite-service-discovery-bdii-c 2.2.0 EMI-3-third-party
glite-wms-brokerinfo-access 3.5.0 EMI-3-base
glite-wms-brokerinfo-access-devel 3.5.0 EMI-3-base
glite-wms-brokerinfo-access-doc 3.5.0 EMI-3-base
glite-wms-brokerinfo-access-lib 3.5.0 EMI-3-base
glite-wms-common 3.5.0 EMI-3-base
glite-wms-common-devel 3.5.0 EMI-3-base
glite-wms-configuration 3.5.0 EMI-3-base
glite-wms-core 3.5.0 EMI-3-base

glite-wms-core-devel 3.5.0 EMI-3-base
glite-wms-ice 3.5.0 EMI-3-base
glite-wms-interface 3.5.0 EMI-3-base
glite-wms-jobsubmission 3.5.0 EMI-3-base
glite-wms-jobsubmission-devel 3.5.0 EMI-3-base
glite-wms-jobsubmission-lib 3.5.0 EMI-3-base
glite-wms-purger 3.5.0 EMI-3-base
glite-wms-purger-devel 3.5.0 EMI-3-base
glite-wms-ui-api-python 3.5.0 EMI-3-base
glite-wms-ui-commands 3.5.0 EMI-3-base
glite-wms-utils-classad 3.4.1 EMI-3-base
glite-wms-utils-classad-devel 3.4.1 EMI-3-base
glite-wms-utils-exception 3.4.1 EMI-3-base
glite-wms-utils-exception-devel 3.4.1 EMI-3-base
glite-wms-wmproxy-api-cpp 3.5.0 EMI-3-base
glite-wms-wmproxy-api-cpp-devel 3.5.0 EMI-3-base
glite-wms-wmproxy-api-cpp-doc 3.5.0 EMI-3-base
glite-wn-info 1.0.3 EMI-3-base
glite-yaim-bdii 4.3.13 EMI-3-base
glite-yaim-clients 5.2.0 EMI-3-base
glite-yaim-core 5.1.1 EMI-3-base
glite-yaim-mpi 1.1.12 EMI-3-base
glite-yaim-torque-client 5.1.0 EMI-3-base
glite-yaim-torque-server 5.1.0 EMI-3-base
glite-yaim-torque-utils 5.1.1 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
globus-ftp-control 4.4 EMI-3-third-party
globus-ftp-control-debuginfo 4.4 EMI-3-third-party
globus-ftp-control-devel 4.4 EMI-3-third-party
globus-ftp-control-devel 4.4 EMI-3-third-party
globus-ftp-control-doc 4.4 EMI-3-third-party
globus-gridftp-server 6.16 EMI-3-third-party
globus-gridftp-server 6.16 EMI-3-third-party
globus-gridftp-server-control 2.7 EMI-3-third-party
globus-gridftp-server-control 2.7 EMI-3-third-party
globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
globus-gridftp-server-control-devel 2.7 EMI-3-third-party
globus-gridftp-server-control-devel 2.7 EMI-3-third-party
globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
globus-gridftp-server-devel 6.16 EMI-3-third-party
globus-gridftp-server-devel 6.16 EMI-3-third-party
globus-gridftp-server-progs 6.16 EMI-3-third-party
globus-gss-assist 8.6 EMI-3-third-party
globus-gss-assist 8.6 EMI-3-third-party
globus-gss-assist-debuginfo 8.6 EMI-3-third-party
globus-gss-assist-devel 8.6 EMI-3-third-party
globus-gss-assist-devel 8.6 EMI-3-third-party
globus-gss-assist-doc 8.6 EMI-3-third-party
globus-gss-assist-progs 8.6 EMI-3-third-party
globus-io 9.3 EMI-3-third-party
globus-io 9.3 EMI-3-third-party
globus-io-debuginfo 9.3 EMI-3-third-party
globus-io-devel 9.3 EMI-3-third-party
globus-io-devel 9.3 EMI-3-third-party
glue-schema 2.0.10 EMI-3-base
glue-validator 1.0.5 EMI-3-base
glue-validator-cron 1.0.2 EMI-3-base
gridftp-ifce 2.3.0 EMI-3-base
gridftp-ifce 2.3.0 EMI-3-base
gridftp-ifce-debuginfo 2.3.0 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
gridsite 2.0.4 EMI-3-base
gridsite-commands 2.0.4 EMI-3-base
gridsite-debuginfo 2.0.4 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base

gridsite-libs 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-service-clients 2.0.4 EMI-3-base
 gsoap2.7-devel 2.7.6b EMI-3-third-party
 gwt-lib 1.7.1 EMI-3-third-party
 info-dynamic-scheduler-slurm 1.0.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface-debuginfo 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 jclassads 2.4.0 EMI-3-third-party
 jug 1.1 EMI-3-third-party
 kill-stale-ftp 1.0.1 EMI-3-base
 lcas 1.3.19 EMI-3-base
 lcas-debuginfo 1.3.19 EMI-3-base
 lcas-devel 1.3.19 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 lcas-lcmads-gt4-interface 0.2.6 EMI-3-third-party
 lcas-plugins-basic 1.3.6 EMI-3-base
 lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
 lcas-plugins-check-executable 1.2.4 EMI-3-base
 lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
 lcas-plugins-voms 1.3.11 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lcg-ManageVOTag 4.0.0 EMI-3-base
 lcg-expiregridmapdir 3.0.1 EMI-3-base
 lcg-info 1.12.2 EMI-3-base
 lcg-info-dynamic-scheduler-pbs 2.4.1 EMI-3-base
 lcg-infosites 3.1.0 EMI-3-base
 lcg-pbs-utils 2.0.0 EMI-3-base
 lcg-pbs-utils-debuginfo 2.0.0 EMI-3-base
 lcg-tags 0.4.0 EMI-3-base
 lcg-util 1.14.0 EMI-3-base
 lcg-util-debuginfo 1.14.0 EMI-3-base
 lcg-util-devel 1.14.0 EMI-3-base
 lcg-util-devel 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 lcg-util-python 1.14.0 EMI-3-base
 lcgdm-dav 0.11.0 EMI-3-base
 lcgdm-dav 0.11.0 EMI-3-base
 lcgdm-dav-debuginfo 0.11.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 lcgdm-dav-server 0.11.0 EMI-3-base
 lcgdm-debuginfo 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-oracle-debuginfo 1.8.6 EMI-3-base
 lcgdm-tests 1.8.4 EMI-3-base
 lcgdm-tests-debuginfo 1.8.4 EMI-3-base
 lcmads 1.5.7 EMI-3-base
 lcmads-basic-interface 1.5.7 EMI-3-base
 lcmads-debuginfo 1.5.7 EMI-3-base
 lcmads-devel 1.5.7 EMI-3-base
 lcmads-globus-interface 1.5.7 EMI-3-base
 lcmads-openssl-interface 1.5.7 EMI-3-base
 lcmads-plugins-afs 1.4.0 EMI-3-base
 lcmads-plugins-afs-debuginfo 1.4.0 EMI-3-base
 lcmads-plugins-basic 1.5.1 EMI-3-base
 lcmads-plugins-basic-debuginfo 1.5.1 EMI-3-base
 lcmads-plugins-basic-ldap 1.5.1 EMI-3-base

lcmaps-plugins-c-pep 1.2.3 EMI-3-base
lcmaps-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
lcmaps-plugins-tracking-groupid 0.1.0 EMI-3-base
lcmaps-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
lcmaps-plugins-verify-proxy 1.5.4 EMI-3-base
lcmaps-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
lcmaps-plugins-voms 1.5.5 EMI-3-base
lcmaps-plugins-voms-debuginfo 1.5.5 EMI-3-base
lcmaps-without-gsi 1.5.7 EMI-3-base
lcmaps-without-gsi-devel 1.5.7 EMI-3-base
lfc 1.8.6 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
lfc-dli 1.8.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
lfc-perl 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
lfc-server-mysql 1.8.6 EMI-3-base
lfc-server-oracle 1.8.6 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
libcurl-openssl 7.21.7 EMI-3-third-party
libcurl-openssl-devel 7.21.7 EMI-3-third-party
maui 3.3 EMI-3-third-party
maui-client 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-server 3.3 EMI-3-third-party
maven 2.2.1 EMI-3-third-party
mkgltempdir 0.0.3 EMI-3-base
mongo-10gen 2.0.4 EMI-3-third-party
mongo-10gen-server 2.0.4 EMI-3-third-party
mpi-start 1.5.0 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
nagios-plugins-argus 1.1.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
nagios-plugins-dpm-disk 0.9.4 EMI-3-base
nagios-plugins-dpm-head 0.9.4 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
nagios-plugins-fts 1.0.1 EMI-3-base
nagios-plugins-glexec 0.3.2 EMI-3-base
nagios-plugins-lcgdm 0.9.4 EMI-3-base
nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
nagios-plugins-lfc 0.9.4 EMI-3-base
nagios-plugins-voms 1.0.0 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc-acix-cache 3.0.0 EMI-3-base
nordugrid-arc-acix-core 3.0.0 EMI-3-base
nordugrid-arc-acix-index 3.0.0 EMI-3-base
nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
nordugrid-arc-aris 3.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
nordugrid-arc-client-tools 1.0.6 EMI-3-base
nordugrid-arc-compute-element 1.0.6 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
nordugrid-arc-debuginfo 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-doc 1.3.0 EMI-3-base
nordugrid-arc-doxygen 3.0.0 EMI-3-base
nordugrid-arc-egiis 3.0.0 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base

nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
 nordugrid-arc-hed 3.0.0 EMI-3-base
 nordugrid-arc-information-index 1.0.6 EMI-3-base
 nordugrid-arc-java 3.0.0 EMI-3-base
 nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
 nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
 nordugrid-arc-misc-utils 3.0.0 EMI-3-base
 nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
 nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
 nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
 nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
 nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
 nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
 nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
 nordugrid-arc-python 3.0.0 EMI-3-base
 nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
 pseudonymity-common 1.1.1 EMI-3-base
 pseudonymity-server 1.1.1 EMI-3-base
 pseudonymity-ui 1.1.1 EMI-3-base
 semsg 1.3.2 EMI-3-base
 semsg-debuginfo 1.3.2 EMI-3-base
 semsg-devel 1.3.2 EMI-3-base
 semsg-libs 1.3.2 EMI-3-base
 semsg-plugins-debuginfo 1.3.2 EMI-3-base
 semsg-plugins-lcgdm 1.3.2 EMI-3-base
 semsg-plugins-py 1.3.2 EMI-3-base
 semsg-server 1.3.2 EMI-3-base
 sensor-api 1.0.0 EMI-3-base
 sensor-common 1.0.0 EMI-3-base
 sensor-host 1.0.0 EMI-3-base
 sensor-run 1.0.0 EMI-3-base
 sensor-service 1.0.0 EMI-3-base
 srm-ifce 1.14.0 EMI-3-base
 srm-ifce 1.14.0 EMI-3-base
 srm-ifce-debuginfo 1.14.0 EMI-3-base
 srm-ifce-devel 1.14.0 EMI-3-base
 srm-ifce-devel 1.14.0 EMI-3-base
 storm-backend-server 1.11.0 EMI-3-base
 storm-dynamic-info-provider 1.7.4 EMI-3-base
 storm-frontend-server 1.8.1 EMI-3-base
 storm-globus-gridftp-server 1.2.0 EMI-3-base
 storm-gridhttps-plugin 1.1.0 EMI-3-base
 storm-gridhttps-server 2.0.0 EMI-3-base
 storm-pre-assembled-configuration 1.1.0 EMI-3-base
 storm-srm-client 1.6.0 EMI-3-base
 storm-xmlrpc-c 1.25.10 EMI-3-base
 storm-xmlrpc-c-apps 1.25.10 EMI-3-base
 storm-xmlrpc-c-c++ 1.25.10 EMI-3-base
 storm-xmlrpc-c-client 1.25.10 EMI-3-base
 storm-xmlrpc-c-client++ 1.25.10 EMI-3-base
 storm-xmlrpc-c-debuginfo 1.25.10 EMI-3-base
 storm-xmlrpc-c-devel 1.25.10 EMI-3-base
 sts 1.0.0 EMI-3-base
 tstorm 2.0.1 EMI-3-base
 tstorm-common 2.0.1 EMI-3-base
 tstorm-sanity 2.0.1 EMI-3-base
 unicore-configurator 1.0.0 EMI-3-base
 unicore-gateway6 5.0.0 EMI-3-base
 unicore-hila-emi-es 2.4.0 EMI-3-base
 unicore-hila-gridftp 2.4.0 EMI-3-base
 unicore-hila-shell 2.4.0 EMI-3-base
 unicore-hila-unicore6 2.4.0 EMI-3-base
 unicore-nagios-plugins 2.3.2 EMI-3-base
 unicore-registry6 6.0.0 EMI-3-base
 unicore-tsi6 5.1.0 EMI-3-base
 unicore-ucc6 6.0.0 EMI-3-base
 unicore-unicorex6 6.0.0 EMI-3-base

```

unicore-uvos-clc 1.7.0 EMI-3-base
unicore-uvos-server 1.6.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
voms 2.0.10 EMI-3-base
voms 2.0.10 EMI-3-base
voms-admin-client 2.0.18 EMI-3-base
voms-admin-server 3.0.0 EMI-3-base
voms-api-java3 3.0.0 EMI-3-base
voms-api-java3-javadoc 3.0.0 EMI-3-base
voms-clients 2.0.10 EMI-3-base
voms-clients3 3.0.0 EMI-3-base
voms-debuginfo 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-doc 2.0.10 EMI-3-base
voms-mysql-plugin 3.1.6 EMI-3-base
voms-mysql-plugin-debuginfo 3.1.6 EMI-3-base
voms-oracle-plugin 3.1.15 EMI-3-base
voms-oracle-plugin-debuginfo 3.1.15 EMI-3-base
voms-server 2.0.10 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
wnodes_cloud 1.0.0 EMI-3-base
wnodes_hypervisor 2.0.5 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
wnodes_nameserver 2.0.4 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
xacml 1.1.2 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
xacml-devel 1.1.2 EMI-3-base
xrootd-client-admin-java 3.2.7 EMI-3-third-party
xrootd-debuginfo 3.2.7 EMI-3-third-party
xrootd-devel 3.2.7 EMI-3-third-party
xrootd-libs 3.2.7 EMI-3-third-party
yaim-argus_server 1.6.0 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
yaim-storm 4.3.0 EMI-3-base

```

Test Repo Contents

```

canl-c 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-devel 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-doc 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-examples 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL

```

Process

```

rpm -ivh http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/2/s16/x86_64/base/emi-release-2.0.0-1.s16.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

rpm -Uvh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s16/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL

```

CaNIC-partEMI3Update1 < EMI < TWiki

```
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -
```

```
yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                Arch      Version           Repository        Size
=====
Installing:
yum-plugin-priorities  noarch   1.1.30-14.el6    sl                21 k
yum-plugin-protectbase noarch   1.1.30-14.el6    sl                19 k
=====
```

Transaction Summary

```
=====
Install      2 Package(s)
```

```
Total download size: 41 k
Installed size: 50 k
Downloading Packages:
```

```
-----
Total                318 kB/s | 41 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch    2/2
Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch    1/2
Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch     2/2
```

Installed:

```
yum-plugin-priorities.noarch 0:1.1.30-14.el6
yum-plugin-protectbase.noarch 0:1.1.30-14.el6
```

Complete!

```
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl6/x86_64/base/emi-release-2.0.0-1.sl6.
Preparing... #####
emi-release #####
Loaded plugins: priorities, protectbase, security
195 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:1.0.4-1.el6 will be installed
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
--> Processing Dependency: libcares.so.2() (64bit) for package: canl-c-1.0.4-1.el6.x86_64
--> Package canl-c-examples.x86_64 0:1.0.4-1.el6 will be installed
--> Running transaction check
--> Package c-ares.x86_64 0:1.7.0-6.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                Arch          Version      Repository    Size
=====
Installing:
canl-c                 x86_64       1.0.4-1.el6  EMI-2-base   47 k
canl-c-examples       x86_64       1.0.4-1.el6  EMI-2-base   10 k
Installing for dependencies:
c-ares                 x86_64       1.7.0-6.el6  sl           52 k
=====
```

Transaction Summary

```
=====
Install                3 Package(s)
```

Total download size: 109 k

Installed size: 303 k

Downloading Packages:

```
-----
Total                                113 kB/s | 109 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing : c-ares-1.7.0-6.el6.x86_64                1/3
Installing : canl-c-1.0.4-1.el6.x86_64                2/3
Installing : canl-c-examples-1.0.4-1.el6.x86_64       3/3
Verifying  : canl-c-examples-1.0.4-1.el6.x86_64       1/3
Verifying  : c-ares-1.7.0-6.el6.x86_64                2/3
Verifying  : canl-c-1.0.4-1.el6.x86_64                3/3
```

Installed:

```
canl-c.x86_64 0:1.0.4-1.el6          canl-c-examples.x86_64 0:1.0.4-1.el6
```

Dependency Installed:

```
c-ares.x86_64 0:1.7.0-6.el6
```

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.

Preparing...

```
emi-release #####
```

```
/tmp/org.glite.testsuites.ctb/CANL-C/tests
```

Loaded plugins: priorities, protectbase, security

206 packages excluded due to repository priority protections

0 packages excluded due to repository protections

Setting up Upgrade Process

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

Certificate file: none

Full Output of the Installation

CaNIC-partEMI3Update1 < EMI < TWiki

```
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.12-1.4.el6.x86_64 already installed and latest version
Package cvs-1.11.23-11.el6_2.1.x86_64 already installed and latest version
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/
U org.gLite.testsuites.ctb/CANL-C/tests/Makefile
U org.gLite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.gLite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.gLite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.gLite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.gLite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.gLite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.gLite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.gLite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.gLite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.gLite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====
```

Mar 27 20:16:33 nympha7-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:16:33 nympha7-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:16:33 nympha7-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**
 Starting openssl server **done**
 CANL client: connecting to openssl server This is the testing message to send **done**
 Starting canl sample server **done**
 Openssl client: connect to CANL sample server This is a testing message to send **done**
Mar 27 20:16:44 nympha7-2.zcu.cz canl-test-cs-openssl.sh: end
Mar 27 20:16:44 nympha7-2.zcu.cz canl-test-sec-connection.sh: start
 Testing if binaries of canl examples are available **done**
 Testing if all binaries are available **done**
 Testing credentials **done**
 Testing server with nonexisting host certificates **done**
 Testing server with nonexisting host key **done**
 Testing server with nonexisting host cert and key **done**
 Testing client: connect to server not running **done**
 Testing client: use nonexisting proxy certificate **done**
 Starting canl sample server **done**
 CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**
 server: waiting for connections... [SERVER] connection established with (null) [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to se **Mar 27 20:16:44 nympha7-2.zcu.cz canl-test-sec-connection.sh: end**
Mar 27 20:16:44 nympha7-2.zcu.cz canl-test-sha2.sh: start
 Testing if binaries of canl examples are available **done**
 Testing if all binaries are available **done**
 Testing credentials **done**
done
 Starting canl sample server **done**
 server: waiting for connections... [SERVER] connection established with (null) [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to se [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**
Mar 27 20:16:45 nympha7-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Clean installation, Debian 6 (Linux 2.6.32-5-amd64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Debian GNU/Linux 6.0
Platform	Linux 2.6.32-5-amd64
Host	skirit75-2.ics.muni.cz
Duration	2 min
Testbed uptime	20:16:14 up 7 min, 0 users, load average: 0.56, 0.29, 0.14

Test Repo Contents

```
ca-nics-myproxy 1.52-1 /var/lib/apt/lists/repository.egi.eu_sw_production_cas_1_current_dists_egi
ca-PSC-Myproxy-CA 1.52-1 /var/lib/apt/lists/repository.egi.eu_sw_production_cas_1_current_dists_e
libcanl-c2 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_id_7a
libcanl-c-dev 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_id
libcanl-c-examples 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_a
libcanl-java 1.2.0-0.deb6 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_ap
libcanl-java-doc 1.2.0-0.deb6 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registere
libcanl-c2-dbg 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_i
libcanl-c-examples-dbg 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_register
```

Process

```
wget --no-verbose http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/dists/squeeze/main/binary-
dpkg -i emi-release_3.0.0-2.deb6.1_all.deb
apt-key adv --fetch-keys http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
aptitude update
```

```
wget --no-verbose -P /etc/apt/sources.list.d http://etics-repository.cern.ch/repository/pm/regist
cat > /etc/apt/preferences.d/etics <<EOF
Package: *
Pin: origin "etics-repository.cern.ch"
Pin-Priority: 650
EOF
aptitude update
```

```
aptitude install -y --allow-untrusted libcanl-c-examples
```

Full Output of the Installation

```
Selecting previously deselected package emi-release.
(Reading database ... 32149 files and directories currently installed.)
Unpacking emi-release (from emi-release_3.0.0-2.deb6.1_all.deb) ...
Setting up emi-release (3.0.0-2.deb6.1) ...
Executing: gpg --ignore-time-conflict --no-options --no-default-keyring --secret-keyring /etc/apt
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Get:1 http://emisoft.web.cern.ch squeeze Release.gpg [198 B]
Hit http://ftp.cz.debian.org squeeze/main Sources
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://security.debian.org squeeze/updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Hit http://security.debian.org squeeze/updates Release
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
Hit http://security.debian.org wheezy/updates Release
Hit http://repository.egi.eu egi-igtf Release.gpg
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtf/core Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/third-party Translation-en
Get:2 http://emisoft.web.cern.ch squeeze-updates Release.gpg [198 B]
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates/main Translation-en
Get:3 http://emisoft.web.cern.ch squeeze Release [4061 B]
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates/main Sources
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://repository.egi.eu egi-igtf Release
Get:4 http://emisoft.web.cern.ch squeeze-updates Release [3812 B]
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Get:5 http://emisoft.web.cern.ch squeeze/main Sources [43.8 kB]
Hit http://repository.egi.eu egi-igtf/core amd64 Packages
Get:6 http://emisoft.web.cern.ch squeeze/third-party Sources [20 B]
Get:7 http://emisoft.web.cern.ch squeeze/main amd64 Packages [48.1 kB]
Get:8 http://emisoft.web.cern.ch squeeze/third-party amd64 Packages [7693 B]
Get:9 http://emisoft.web.cern.ch squeeze-updates/main Sources [20 B]
Get:10 http://emisoft.web.cern.ch squeeze-updates/main amd64 Packages [20 B]
Fetched 108 kB in 1s (82.8 kB/s)
Reading package lists...
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Hit http://security.debian.org squeeze/updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Hit http://emisoft.web.cern.ch squeeze Release.gpg
Hit http://security.debian.org squeeze/updates Release
Hit http://security.debian.org wheezy/updates Release
Hit http://ftp.cz.debian.org squeeze/main Sources
Hit http://repository.egi.eu egi-igtf Release.gpg
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtf/core Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/third-party Translation-en
Hit http://emisoft.web.cern.ch squeeze-updates Release.gpg
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates/main Translation-en
Hit http://emisoft.web.cern.ch squeeze Release
Ign http://etics-repository.cern.ch stable Release.gpg
Ign http://etics-repository.cern.ch/repository/pm/registered/apt/id/7a5171c7-a753-447d-839c-faacf
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates/main Sources
Hit http://repository.egi.eu egi-igtf Release
Hit http://emisoft.web.cern.ch squeeze-updates Release
Ign http://etics-repository.cern.ch stable Release
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/main Sources
Get:1 http://etics-repository.cern.ch stable/main amd64 Packages [2577 B]
Hit http://repository.egi.eu egi-igtf/core amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/third-party Sources
Hit http://emisoft.web.cern.ch squeeze/main amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/third-party amd64 Packages
Hit http://emisoft.web.cern.ch squeeze-updates/main Sources
Hit http://emisoft.web.cern.ch squeeze-updates/main amd64 Packages
Fetched 2577 B in 1s (2381 B/s)
Reading package lists...
Reading package lists...
Building dependency tree...
```

```

Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
Reading task descriptions...
The following NEW packages will be installed:
  libc-ares2{a} libcanl-c-examples libcanl-c2{a}
0 packages upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 134 kB of archives. After unpacking 358 kB will be used.
Writing extended state information...
Get:1 http://ftp.cz.debian.org/debian/ squeeze/main libc-ares2 amd64 1.7.3-1squeeze1 [52.8 kB]
Get:2 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libcanl-c2 amd64 2.0.9-1
Get:3 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libcanl-c-examples amd64
Fetched 134 kB in 0s (608 kB/s)
Selecting previously deselected package libc-ares2.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 32154 files and directories currently installed.)
Unpacking libc-ares2 (from ../libc-ares2_1.7.3-1squeeze1_amd64.deb) ...
Selecting previously deselected package libcanl-c2.
Unpacking libcanl-c2 (from ../libcanl-c2_2.0.9-1_amd64.deb) ...
Selecting previously deselected package libcanl-c-examples.
Unpacking libcanl-c-examples (from ../libcanl-c-examples_2.0.9-1_amd64.deb) ...
Setting up libc-ares2 (1.7.3-1squeeze1) ...
Setting up libcanl-c2 (2.0.9-1) ...
Setting up libcanl-c-examples (2.0.9-1) ...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
Reading task descriptions...

```

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```

Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Reading package lists...
Building dependency tree...
Reading state information...

```

CaNIC-partEMI3Update1 < EMI < TWiki

cvs is already the newest version.

wget is already the newest version.

The following extra packages will be installed:

```
autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev g++
g++-4.4 gettext git intltool-debian libalgorithm-diff-perl
libalgorithm-diff-xs-perl libalgorithm-merge-perl libapt-pkg-perl
libclass-accessor-perl libcroco3 libcurl3-gnutls libdpkg-perl liberror-perl
libfont-afm-perl libglobus-callout0 libglobus-common0
libglobus-gsi-callback0 libglobus-gsi-cert-utils0 libglobus-gsi-credential1
libglobus-gsi-openssl-error0 libglobus-gsi-proxy-core0
libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1 libglobus-gss-assist3
libglobus-gssapi-gsi4 libglobus-libtool libglobus-openssl
libglobus-openssl-module0 libhtml-format-perl libhtml-parser-perl
libhtml-tagset-perl libhtml-template-perl libhtml-tree-perl libidn11
libio-pty-perl libio-string-perl libipc-run-perl libltdl7 libmailtools-perl
libparse-debianchangelog-perl libstdc++6-4.4-dev libsub-name-perl
libtimedate-perl libunistring0 liburi-perl libvomsapi1 libwww-perl
libxml-namespacesupport-perl libxml-parser-perl libxml-sax-expat-perl
libxml-sax-perl libxml-simple-perl libxml2 rsync
```

Suggested packages:

```
bzip2-doc debian-keyring g++-multilib g++-4.4-multilib gcc-4.4-doc
libstdc++6-4.4-dbg gettext-doc git-doc git-arch git-cvs git-svn git-email
git-daemon-run git-gui gitk gitweb libdata-dump-perl libipc-sharedcache-perl
libstdc++6-4.4-doc libcrypt-ssleay-perl libio-socket-ssl-perl
binutils-multiarch libtext-template-perl
```

The following NEW packages will be installed:

```
autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev g++
g++-4.4 gettext git globus-proxy-utils intltool-debian
libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl
libapt-pkg-perl libclass-accessor-perl libcroco3 libcurl3-gnutls
libdpkg-perl liberror-perl libfont-afm-perl libglobus-callout0
libglobus-common0 libglobus-gsi-callback0 libglobus-gsi-cert-utils0
libglobus-gsi-credential1 libglobus-gsi-openssl-error0
libglobus-gsi-proxy-core0 libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1
libglobus-gss-assist3 libglobus-gssapi-gsi4 libglobus-libtool
libglobus-openssl libglobus-openssl-module0 libhtml-format-perl
libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
libhtml-tree-perl libidn11 libio-pty-perl libio-string-perl libipc-run-perl
libltdl7 libmailtools-perl libparse-debianchangelog-perl libstdc++6-4.4-dev
libsub-name-perl libtimedate-perl libunistring0 liburi-perl libvomsapi1
libwww-perl libxml-namespacesupport-perl libxml-parser-perl
libxml-sax-expat-perl libxml-sax-perl libxml-simple-perl libxml2 lintian
lsuf rsync voms-clients
```

0 upgraded, 65 newly installed, 0 to remove and 0 not upgraded.

Need to get 23.9 MB of archives.

After this operation, 66.2 MB of additional disk space will be used.

```
Get:1 http://ftp.cz.debian.org/debian/ squeeze/main libidn11 amd64 1.15-2 [158 kB]
Get:2 http://security.debian.org/ squeeze/updates/main libxml2 amd64 2.7.8.dfsg-2+squeeze7 [874 kB]
Get:3 http://ftp.cz.debian.org/debian/ squeeze/main lsuf amd64 4.81.dfsg.1-1 [282 kB]
Get:4 http://emisof.web.cern.ch/emisof/dist/EMI/3/debian/ squeeze/main libvomsapi1 amd64 2.0.10
Get:5 http://ftp.cz.debian.org/debian/ squeeze/main ca-certificates all 20090814+nmu3squeeze1 [14
Get:6 http://ftp.cz.debian.org/debian/ squeeze/main libcurl3-gnutls amd64 7.21.0-2.1+squeeze2 [26
Get:7 http://ftp.cz.debian.org/debian/ squeeze/main liberror-perl all 0.17-1 [23.6 kB]
Get:8 http://ftp.cz.debian.org/debian/ squeeze/main git amd64 1:1.7.2.5-3 [5274 kB]
Get:9 http://emisof.web.cern.ch/emisof/dist/EMI/3/debian/ squeeze/main voms-clients amd64 2.0.1
Get:10 http://ftp.cz.debian.org/debian/ squeeze/main autopoint all 0.18.1.1-3 [627 kB]
Get:11 http://ftp.cz.debian.org/debian/ squeeze/main libstdc++6-4.4-dev amd64 4.4.5-8 [1526 kB]
Get:12 http://ftp.cz.debian.org/debian/ squeeze/main g++-4.4 amd64 4.4.5-8 [5515 kB]
Get:13 http://ftp.cz.debian.org/debian/ squeeze/main g++ amd64 4:4.4.5-1 [1376 B]
Get:14 http://ftp.cz.debian.org/debian/ squeeze/main libtimedate-perl all 1.2000-1 [41.2 kB]
Get:15 http://ftp.cz.debian.org/debian/ squeeze/main libdpkg-perl all 1.15.8.13 [695 kB]
Get:16 http://ftp.cz.debian.org/debian/ squeeze/main bzip2 amd64 1.0.5-6+squeeze1 [50.5 kB]
Get:17 http://ftp.cz.debian.org/debian/ squeeze/main dpkg-dev all 1.15.8.13 [813 kB]
Get:18 http://ftp.cz.debian.org/debian/ squeeze/main build-essential amd64 11.5 [7178 B]
Get:19 http://ftp.cz.debian.org/debian/ squeeze/main diffstat amd64 1.53-1 [28.5 kB]
Get:20 http://ftp.cz.debian.org/debian/ squeeze/main libcroco3 amd64 0.6.2-1 [125 kB]
Get:21 http://ftp.cz.debian.org/debian/ squeeze/main libunistring0 amd64 0.9.3-3 [437 kB]
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Get:22 http://ftp.cz.debian.org/debian/ squeeze/main gettext amd64 0.18.1.1-3 [2076 kB]
Get:23 http://ftp.cz.debian.org/debian/ squeeze/main libltdl7 amd64 2.2.6b-2 [296 kB]
Get:24 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-libtool amd64 1.2-6 [2586 B]
Get:25 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-common0 amd64 11.5-2 [105 kB]
Get:26 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-callout0 amd64 0.7-6 [9264 B]
Get:27 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl amd64 5.1-1 [2650 B]
Get:28 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-openssl-error0 amd64 0.14-6 [8
Get:29 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-ssl1 amd64 2.3-1 [11.0 k
Get:30 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl-module0 amd64 1.3-1 [6488
Get:31 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-cert-utils0 amd64 6.6-1 [11.2
Get:32 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-sysconfig1 amd64 3.1-2 [20.9 k
Get:33 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-callback0 amd64 2.7-1 [32.2 kB]
Get:34 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-credential1 amd64 3.5-1 [26.3
Get:35 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-core0 amd64 4.5-1 [26.9
Get:36 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gssapi-gsi4 amd64 7.5-2 [48.7 kB]
Get:37 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gss-assist3 amd64 5.9-1 [23.6 kB]
Get:38 http://ftp.cz.debian.org/debian/ squeeze/main globus-proxy-utils amd64 3.9-1 [37.7 kB]
Get:39 http://ftp.cz.debian.org/debian/ squeeze/main intltool-debian all 0.35.0+20060710.1 [30.8
Get:40 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-diff-perl all 1.19.02-2 [51.5 k
Get:41 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-diff-xs-perl amd64 0.04-1 [13.4
Get:42 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-merge-perl all 0.08-2 [13.5 kB]
Get:43 http://ftp.cz.debian.org/debian/ squeeze/main libapt-pkg-perl amd64 0.1.24+b1 [91.5 kB]
Get:44 http://ftp.cz.debian.org/debian/ squeeze/main libsub-name-perl amd64 0.04-1 [10.4 kB]
Get:45 http://ftp.cz.debian.org/debian/ squeeze/main libclass-accessor-perl all 0.34-1 [25.9 kB]
Get:46 http://ftp.cz.debian.org/debian/ squeeze/main libfont-afm-perl all 1.20-1 [14.4 kB]
Get:47 http://ftp.cz.debian.org/debian/ squeeze/main liburi-perl all 1.54-2 [98.5 kB]
Get:48 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tagset-perl all 3.20-2 [13.5 kB]
Get:49 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-parser-perl amd64 3.66-1 [115 kB]
Get:50 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tree-perl all 3.23-2 [209 kB]
Get:51 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-format-perl all 2.04-2 [39.5 kB]
Get:52 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-template-perl all 2.9-2 [65.9 kB]
Get:53 http://ftp.cz.debian.org/debian/ squeeze/main libio-pty-perl amd64 1:1.08-1 [42.5 kB]
Get:54 http://ftp.cz.debian.org/debian/ squeeze/main libio-string-perl all 1.08-2 [12.0 kB]
Get:55 http://ftp.cz.debian.org/debian/ squeeze/main libipc-run-perl all 0.89-1 [109 kB]
Get:56 http://ftp.cz.debian.org/debian/ squeeze/main libmailtools-perl all 2.06-1 [97.4 kB]
Get:57 http://ftp.cz.debian.org/debian/ squeeze/main libparse-debianchangelog-perl all 1.1.1-2.1
Get:58 http://ftp.cz.debian.org/debian/ squeeze/main libwww-perl all 5.836-1 [401 kB]
Get:59 http://ftp.cz.debian.org/debian/ squeeze/main libxml-namespacesupport-perl all 1.09-3 [15.
Get:60 http://ftp.cz.debian.org/debian/ squeeze/main libxml-parser-perl amd64 2.36-1.1+b1 [297 kB]
Get:61 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-perl all 0.96+dfsg-2 [86.0 kB]
Get:62 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-expat-perl all 0.40-1 [12.5 kB]
Get:63 http://ftp.cz.debian.org/debian/ squeeze/main libxml-simple-perl all 2.18-3 [72.8 kB]
Get:64 http://ftp.cz.debian.org/debian/ squeeze/main lintian all 2.4.3+squeezel [546 kB]
Get:65 http://ftp.cz.debian.org/debian/ squeeze/main rsync amd64 3.0.7-2 [359 kB]
```

Preconfiguring packages ...

Fetched 23.9 MB in 0s (26.8 MB/s)

Selecting previously deselected package libidn11.

(Reading database ...

(Reading database ... 5%

(Reading database ... 10%

(Reading database ... 15%

(Reading database ... 20%

(Reading database ... 25%

(Reading database ... 30%

(Reading database ... 35%

(Reading database ... 40%

(Reading database ... 45%

(Reading database ... 50%

(Reading database ... 55%

(Reading database ... 60%

(Reading database ... 65%

(Reading database ... 70%

(Reading database ... 75%

(Reading database ... 80%

(Reading database ... 85%

(Reading database ... 90%

(Reading database ... 95%

CaNIC-partEMI3Update1 < EMI < TWiki

```
(Reading database ... 100%
(Reading database ... 32171 files and directories currently installed.)
Unpacking libidn11 (from ../libidn11_1.15-2_amd64.deb) ...
Selecting previously deselected package lsof.
Unpacking lsof (from ../lsof_4.81.dfsg.1-1_amd64.deb) ...
Selecting previously deselected package ca-certificates.
Unpacking ca-certificates (from ../ca-certificates_20090814+nmu3squeeze1_all.deb) ...
Selecting previously deselected package libcurl3-gnutls.
Unpacking libcurl3-gnutls (from ../libcurl3-gnutls_7.21.0-2.1+squeeze2_amd64.deb) ...
Selecting previously deselected package liberror-perl.
Unpacking liberror-perl (from ../liberror-perl_0.17-1_all.deb) ...
Selecting previously deselected package git.
Unpacking git (from ../git_1%3a1.7.2.5-3_amd64.deb) ...
Selecting previously deselected package autopoint.
Unpacking autopoint (from ../autopoint_0.18.1.1-3_all.deb) ...
Selecting previously deselected package libstdc++6-4.4-dev.
Unpacking libstdc++6-4.4-dev (from ../libstdc++6-4.4-dev_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++-4.4.
Unpacking g++-4.4 (from ../g++-4.4_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++.
Unpacking g++ (from ../g++_4%3a4.4.5-1_amd64.deb) ...
Selecting previously deselected package libtimedate-perl.
Unpacking libtimedate-perl (from ../libtimedate-perl_1.2000-1_all.deb) ...
Selecting previously deselected package libdpkg-perl.
Unpacking libdpkg-perl (from ../libdpkg-perl_1.15.8.13_all.deb) ...
Selecting previously deselected package bzip2.
Unpacking bzip2 (from ../bzip2_1.0.5-6+squeeze1_amd64.deb) ...
Selecting previously deselected package dpkg-dev.
Unpacking dpkg-dev (from ../dpkg-dev_1.15.8.13_all.deb) ...
Selecting previously deselected package build-essential.
Unpacking build-essential (from ../build-essential_11.5_amd64.deb) ...
Selecting previously deselected package diffstat.
Unpacking diffstat (from ../diffstat_1.53-1_amd64.deb) ...
Selecting previously deselected package libxml2.
Unpacking libxml2 (from ../libxml2_2.7.8.dfsg-2+squeeze7_amd64.deb) ...
Selecting previously deselected package libcroco3.
Unpacking libcroco3 (from ../libcroco3_0.6.2-1_amd64.deb) ...
Selecting previously deselected package libunistring0.
Unpacking libunistring0 (from ../libunistring0_0.9.3-3_amd64.deb) ...
Selecting previously deselected package gettext.
Unpacking gettext (from ../gettext_0.18.1.1-3_amd64.deb) ...
Selecting previously deselected package libltdl7.
Unpacking libltdl7 (from ../libltdl7_2.2.6b-2_amd64.deb) ...
Selecting previously deselected package libglobus-libtool.
Unpacking libglobus-libtool (from ../libglobus-libtool_1.2-6_amd64.deb) ...
Selecting previously deselected package libglobus-common0.
Unpacking libglobus-common0 (from ../libglobus-common0_11.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-callout0.
Unpacking libglobus-callout0 (from ../libglobus-callout0_0.7-6_amd64.deb) ...
Selecting previously deselected package libglobus-openssl.
Unpacking libglobus-openssl (from ../libglobus-openssl_5.1-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-openssl-error0.
Unpacking libglobus-gsi-openssl-error0 (from ../libglobus-gsi-openssl-error0_0.14-6_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-ssl1.
Unpacking libglobus-gsi-proxy-ssl1 (from ../libglobus-gsi-proxy-ssl1_2.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-openssl-module0.
Unpacking libglobus-openssl-module0 (from ../libglobus-openssl-module0_1.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-cert-utils0.
Unpacking libglobus-gsi-cert-utils0 (from ../libglobus-gsi-cert-utils0_6.6-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-sysconfig1.
Unpacking libglobus-gsi-sysconfig1 (from ../libglobus-gsi-sysconfig1_3.1-2_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-callback0.
Unpacking libglobus-gsi-callback0 (from ../libglobus-gsi-callback0_2.7-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-credential1.
Unpacking libglobus-gsi-credential1 (from ../libglobus-gsi-credential1_3.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-core0.
Unpacking libglobus-gsi-proxy-core0 (from ../libglobus-gsi-proxy-core0_4.5-1_amd64.deb) ...
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Selecting previously deselected package libglobus-gssapi-gsi4.
Unpacking libglobus-gssapi-gsi4 (from ../libglobus-gssapi-gsi4_7.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-gss-assist3.
Unpacking libglobus-gss-assist3 (from ../libglobus-gss-assist3_5.9-1_amd64.deb) ...
Selecting previously deselected package globus-proxy-utils.
Unpacking globus-proxy-utils (from ../globus-proxy-utils_3.9-1_amd64.deb) ...
Selecting previously deselected package intltool-debian.
Unpacking intltool-debian (from ../intltool-debian_0.35.0+20060710.1_all.deb) ...
Selecting previously deselected package libalgorithm-diff-perl.
Unpacking libalgorithm-diff-perl (from ../libalgorithm-diff-perl_1.19.02-2_all.deb) ...
Selecting previously deselected package libalgorithm-diff-xs-perl.
Unpacking libalgorithm-diff-xs-perl (from ../libalgorithm-diff-xs-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libalgorithm-merge-perl.
Unpacking libalgorithm-merge-perl (from ../libalgorithm-merge-perl_0.08-2_all.deb) ...
Selecting previously deselected package libapt-pkg-perl.
Unpacking libapt-pkg-perl (from ../libapt-pkg-perl_0.1.24+b1_amd64.deb) ...
Selecting previously deselected package libsub-name-perl.
Unpacking libsub-name-perl (from ../libsub-name-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libclass-accessor-perl.
Unpacking libclass-accessor-perl (from ../libclass-accessor-perl_0.34-1_all.deb) ...
Selecting previously deselected package libfont-afm-perl.
Unpacking libfont-afm-perl (from ../libfont-afm-perl_1.20-1_all.deb) ...
Selecting previously deselected package liburi-perl.
Unpacking liburi-perl (from ../liburi-perl_1.54-2_all.deb) ...
Selecting previously deselected package libhtml-tagset-perl.
Unpacking libhtml-tagset-perl (from ../libhtml-tagset-perl_3.20-2_all.deb) ...
Selecting previously deselected package libhtml-parser-perl.
Unpacking libhtml-parser-perl (from ../libhtml-parser-perl_3.66-1_amd64.deb) ...
Selecting previously deselected package libhtml-tree-perl.
Unpacking libhtml-tree-perl (from ../libhtml-tree-perl_3.23-2_all.deb) ...
Selecting previously deselected package libhtml-format-perl.
Unpacking libhtml-format-perl (from ../libhtml-format-perl_2.04-2_all.deb) ...
Selecting previously deselected package libhtml-template-perl.
Unpacking libhtml-template-perl (from ../libhtml-template-perl_2.9-2_all.deb) ...
Selecting previously deselected package libio-pty-perl.
Unpacking libio-pty-perl (from ../libio-pty-perl_1%3a1.08-1_amd64.deb) ...
Selecting previously deselected package libio-string-perl.
Unpacking libio-string-perl (from ../libio-string-perl_1.08-2_all.deb) ...
Selecting previously deselected package libipc-run-perl.
Unpacking libipc-run-perl (from ../libipc-run-perl_0.89-1_all.deb) ...
Selecting previously deselected package libmailtools-perl.
Unpacking libmailtools-perl (from ../libmailtools-perl_2.06-1_all.deb) ...
Selecting previously deselected package libparse-debianchangelog-perl.
Unpacking libparse-debianchangelog-perl (from ../libparse-debianchangelog-perl_1.1.1-2.1_all.deb) ...
Selecting previously deselected package libvomsapi1.
Unpacking libvomsapi1 (from ../libvomsapi1_2.0.10-1_amd64.deb) ...
Selecting previously deselected package libwww-perl.
Unpacking libwww-perl (from ../libwww-perl_5.836-1_all.deb) ...
Selecting previously deselected package libxml-namespacesupport-perl.
Unpacking libxml-namespacesupport-perl (from ../libxml-namespacesupport-perl_1.09-3_all.deb) ...
Selecting previously deselected package libxml-parser-perl.
Unpacking libxml-parser-perl (from ../libxml-parser-perl_2.36-1.1+b1_amd64.deb) ...
Selecting previously deselected package libxml-sax-perl.
Unpacking libxml-sax-perl (from ../libxml-sax-perl_0.96+dfsg-2_all.deb) ...
Selecting previously deselected package libxml-sax-expat-perl.
Unpacking libxml-sax-expat-perl (from ../libxml-sax-expat-perl_0.40-1_all.deb) ...
Selecting previously deselected package libxml-simple-perl.
Unpacking libxml-simple-perl (from ../libxml-simple-perl_2.18-3_all.deb) ...
Selecting previously deselected package lintian.
Unpacking lintian (from ../lintian_2.4.3+squeeze1_all.deb) ...
Selecting previously deselected package rsync.
Unpacking rsync (from ../rsync_3.0.7-2_amd64.deb) ...
Selecting previously deselected package voms-clients.
Unpacking voms-clients (from ../voms-clients_2.0.10-1_amd64.deb) ...
Processing triggers for man-db ...
Processing triggers for install-info ...
Setting up libidn11 (1.15-2) ...
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Setting up lsof (4.81.dfsg.1-1) ...
Setting up ca-certificates (20090814+nmu3squeeze1) ...
Updating certificates in /etc/ssl/certs... WARNING: Skipping duplicate certificate brasil.gov.br.
140 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d....done.
Setting up libcurl3-gnutls (7.21.0-2.1+squeeze2) ...
Setting up liberror-perl (0.17-1) ...
Setting up git (1:1.7.2.5-3) ...
Setting up autopoint (0.18.1.1-3) ...
Setting up libtimedate-perl (1.2000-1) ...
Setting up libdpkg-perl (1.15.8.13) ...
Setting up bzip2 (1.0.5-6+squeeze1) ...
Setting up dpkg-dev (1.15.8.13) ...
Setting up diffstat (1.53-1) ...
Setting up libxml2 (2.7.8.dfsg-2+squeeze7) ...
Setting up libcroc03 (0.6.2-1) ...
Setting up libunistring0 (0.9.3-3) ...
Setting up gettext (0.18.1.1-3) ...
Setting up libltdl7 (2.2.6b-2) ...
Setting up libglobus-libtool (1.2-6) ...
Setting up libglobus-common0 (11.5-2) ...
Setting up libglobus-callout0 (0.7-6) ...
Setting up libglobus-openssl (5.1-1) ...
Setting up libglobus-gsi-openssl-error0 (0.14-6) ...
Setting up libglobus-gsi-proxy-ssl1 (2.3-1) ...
Setting up libglobus-openssl-module0 (1.3-1) ...
Setting up libglobus-gsi-cert-utils0 (6.6-1) ...
Setting up libglobus-gsi-sysconfig1 (3.1-2) ...
Setting up libglobus-gsi-callback0 (2.7-1) ...
Setting up libglobus-gsi-credential1 (3.5-1) ...
Setting up libglobus-gsi-proxy-core0 (4.5-1) ...
Setting up libglobus-gssapi-gsi4 (7.5-2) ...
Setting up libglobus-gss-assist3 (5.9-1) ...
Setting up globus-proxy-utils (3.9-1) ...
Setting up intltool-debian (0.35.0+20060710.1) ...
Setting up libalgorithm-diff-perl (1.19.02-2) ...
Setting up libalgorithm-diff-xs-perl (0.04-1) ...
Setting up libalgorithm-merge-perl (0.08-2) ...
Setting up libapt-pkg-perl (0.1.24+b1) ...
Setting up libsub-name-perl (0.04-1) ...
Setting up libclass-accessor-perl (0.34-1) ...
Setting up libfont-afm-perl (1.20-1) ...
Setting up liburi-perl (1.54-2) ...
Setting up libhtml-tagset-perl (3.20-2) ...
Setting up libhtml-parser-perl (3.66-1) ...
Setting up libhtml-tree-perl (3.23-2) ...
Setting up libhtml-format-perl (2.04-2) ...
Setting up libhtml-template-perl (2.9-2) ...
Setting up libio-pty-perl (1:1.08-1) ...
Setting up libio-string-perl (1.08-2) ...
Setting up libipc-run-perl (0.89-1) ...
Setting up libmailtools-perl (2.06-1) ...
Setting up libparse-debianchangelog-perl (1.1.1-2.1) ...
Setting up libvomsapi1 (2.0.10-1) ...
Setting up libwww-perl (5.836-1) ...
Setting up libxml-namespacesupport-perl (1.09-3) ...
Setting up libxml-parser-perl (2.36-1.1+b1) ...
Setting up libxml-sax-perl (0.96+dfsg-2) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::PurePerl with priority 10...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...

Creating config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-sax-expat-perl (0.40-1) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::Expat with priority 50...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...
Replacing config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-simple-perl (2.18-3) ...
```


CaNIC-partEMI3Update1 < EMI < TWiki

```
Setting up lintian (2.4.3+squeeze1) ...
Generating en_US.UTF-8 locale for internal Lintian use....
Setting up rsync (3.0.7-2) ...
Setting up voms-clients (2.0.10-1) ...
Setting up libstdc++6-4.4-dev (4.4.5-8) ...
Setting up g++-4.4 (4.4.5-8) ...
Setting up g++ (4:4.4.5-1) ...
update-alternatives: using /usr/bin/g++ to provide /usr/bin/c++ (c++) in auto mode.
Setting up build-essential (11.5) ...
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
```

```
=====
REAL TESTS START HERE
=====
```

Mar 27 20:15:48 skirit75-2.ics.muni.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

```

Mar 27 20:15:48 skirit75-2.ics.muni.cz canl-test-cert-handle.sh: end
Mar 27 20:15:48 skirit75-2.ics.muni.cz canl-test-cs-openssl.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
Starting openssl server done
CANL client: connecting to openssl server This is the testing message to send? done
Starting canl sample server done
Openssl client: connect to CANL sample server This is a testing message to send? done
Mar 27 20:16:00 skirit75-2.ics.muni.cz canl-test-cs-openssl.sh: end
Mar 27 20:16:01 skirit75-2.ics.muni.cz canl-test-sec-connection.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
Testing server with nonexisting host certificates done
Testing server with nonexisting host key done
Testing server with nonexisting host cert and key done
Testing client: connect to server not running done
Testing client: use nonexisting proxy certificate done
Starting canl sample server done
CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send
sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]
received: This is a testing message to send server: waiting for connections... [SERVER] connection
established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"
sent successfully [SERVER] received: This is the testing message to send done
Mar 27 20:16:01 skirit75-2.ics.muni.cz canl-test-sec-connection.sh: end
Mar 27 20:16:01 skirit75-2.ics.muni.cz canl-test-sha2.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
done
Starting canl sample server done
[CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the
testing message to send" sent successfully [CLIENT] received: This is a testing message to send server:
waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client
[SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the
testing message to send done
Mar 27 20:16:02 skirit75-2.ics.muni.cz canl-test-sha2.sh: end

```

```

=====
TESTS END HERE
=====

```

Minor upgrade from production (EMI-3), Debian 6 (Linux 2.6.32-5-amd64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Debian GNU/Linux 6.0
Platform	Linux 2.6.32-5-amd64
Host	nympha8-2.zcu.cz
Duration	1 min

Testbed uptime	20:13:48 up 4 min, 0 users, load average: 0.53, 0.34, 0.14
----------------	--

Production Repo Contents

```

bdii 5.2.17-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_main
glue-schema 2.0.10-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squee
globus-proxy-utils 5.0-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-gss-assist3 8.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gssapi-gsi4 10.6-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
libvomsapi0 1.9.17.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-amd6
libglobus-common0 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-ftp-client2 7.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gass-copy2 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-a
globus-authz-callout-error-dbg 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_mai
libglobus-authz-callout-error0 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_mai
libglobus-authz-callout-error-dev 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_
libglobus-common-dev 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-authz-callout-error-doc 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_
globus-authz-dbg 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-authz0 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-authz-dev 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-am
libglobus-callout-dev 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gssapi-gsi-dev 10.6-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-authz-doc 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-am
libglobus-callout0 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-gsi-sysconfig1 5.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
globus-callout-dbg 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
libglobus-libtool-dev 1.2-6 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary
globus-core 8.8-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64_Pack
libglobus-callout-doc 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-libtool 1.2-6 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-amd
globus-common-dbg 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
globus-common-progs 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-a
libglobus-common-doc 14.7-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
globus-ftp-client-dbg 7.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-ftp-client-dev 7.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-xio-popen-driver-dev 2.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_mai
libglobus-ftp-control-dev 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-ftp-client-doc 7.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-ftp-control1 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
libglobus-xio0 3.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64_P
libglobus-xio-popen-driver0 2.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
globus-ftp-control-dbg 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
libglobus-gss-assist-dev 8.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-io-dev 9.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-ftp-control-doc 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gssapi-error2 4.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-io3 9.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64_Pa
globus-gass-cache-program-dbg 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main
globus-gass-cache-program 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gass-cache5 8.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gass-server-ez2 4.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gass-transfer2 7.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-gram-client3 12.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gram-protocol3 11.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-callback0 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gsi-cert-utils0 8.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-credential1 5.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-openssl-error0 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-gsi-proxy-core0 6.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gsi-proxy-ssl1 4.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-openssl-module0 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-rsl2 9.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64_P
globus-gass-cache-dbg 8.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-
libglobus-gass-cache-dev 8.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina

```

CaNIC-partEMI3Update1 < EMI < TWiki

libglobus-openssl-dev 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary
libglobus-openssl 5.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-amd
globus-gass-copy-dbg 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-a
globus-gass-copy-progs 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
libglobus-gass-copy-dev 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gass-transfer-dev 7.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
libglobus-gass-copy-doc 8.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
globus-gass-server-ez-dbg 4.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
globus-gass-server-ez-progs 4.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
libglobus-gass-server-ez-dev 4.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
globus-gass-transfer-dbg 7.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bina
libglobus-gass-transfer-doc 7.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
globus-gatekeeper-dbg 9.11-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
globus-gatekeeper 9.11-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd
globus-gfork-dbg 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-gfork0 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
globus-gfork-progs 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-gfork-dev 3.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-am
libglobus-xio-dev 3.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd6
globus-gram-client-tools-dbg 10.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main
globus-gram-client-tools 10.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-rsl-assist2 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary
globus-gram-client-dbg 12.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binar
libglobus-gram-client-dev 12.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bi
libglobus-gram-protocol-dev 11.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-rsl-dev 9.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd6
libglobus-gram-client-doc 12.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bi
globus-gram-job-manager-callout-error-dbg 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists
libglobus-gram-job-manager-callout-error0 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists
libglobus-gram-job-manager-callout-error-dev 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_di
libglobus-gram-job-manager-callout-error-doc 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_di
globus-gram-job-manager-scripts-doc 4.2-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy
globus-gram-job-manager-scripts 4.2-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_ma
globus-gram-job-manager-setup-condor-doc 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_
globus-gram-job-manager-setup-condor 4.4-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_sque
globus-gram-job-manager-setup-fork-doc 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_sq
globus-gram-job-manager-setup-fork 4.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeez
globus-gram-job-manager-setup-lsf-doc 2.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squ
globus-gram-job-manager-setup-lsf 2.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze
globus-gram-job-manager-setup-pbs-doc 4.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squ
globus-gram-job-manager-setup-pbs 4.1-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze
globus-gram-job-manager-setup-sge 2.5-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze
globus-gram-job-manager 13.33-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
globus-gram-job-manager-dbg 13.33-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main
globus-gram-job-manager-doc 13.33-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main
libglobus-scheduler-event-generator0 4.6-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_whee
libglobus-usage0 3.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-amd64
libglobus-libxml2 1.8-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_squeeze_main_binary-amd
globus-gram-protocol-dbg 11.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
libglobus-gram-protocol-doc 11.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
globus-gridftp-server-control-dbg 2.5-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_
libglobus-gridftp-server-control0 2.5-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_
libglobus-gridftp-server-control-dev 2.5-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_whee
libglobus-xio-pipe-driver-dev 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main
libglobus-xio-gsi-driver-dev 2.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_
libglobus-xio-pipe-driver0 2.2-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bi
libglobus-xio-gsi-driver0 2.3-1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_bin
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libglobus-usage-dev 3.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary-am
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libglobus-gsi-proxy-ssl-dev 4.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_b
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libglobus-gsi-openssl-error-dev 2.1-2 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_ma

CaNIC-partEMI3Update1 < EMI < TWiki

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voms-mysql-plugin 3.1.6-1+b1 /var/lib/apt/lists/ftp.cz.debian.org_debian_dists_wheezy_main_binary
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CaNIC-partEMI3Update1 < EMI < TWiki

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nordugrid-arc-doc 1.3.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_main_binary-amd64
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CaNIC-partEMI3Update1 < EMI < TWiki

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CaNIC-partEMI3Update1 < EMI < TWiki

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CaNIC-partEMI3Update1 < EMI < TWiki

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glexec 0.9.8-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_mai
lcmaps-plugins-verify-proxy 1.5.4-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_deb
lcas-interface 1.3.19-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sq
lcas-plugins-basic 1.3.6-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
liblcas0 1.3.19-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
lcas-plugins-check-executable 1.2.4-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
lcas-plugins-voms 1.3.11-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
lcmaps-plugins-afs 1.4.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
lcmaps-plugins-c-pep 1.2.3-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis
lcmaps-plugins-tracking-groupid 0.1.0-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3
libeef-dev 0.1.4-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
libees-pepd-oh-java-doc 0.1.3-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_
libees-pepd-oh-java 0.1.3-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dist
libeics-dev 0.1.4-3 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeez
liblcas-dev 1.3.19-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squee
libxacml-dev 1.1.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squee
nagios-plugins-ees 0.2.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists
nagios-plugins-glexec 0.3.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
xacml-runtime 1.1.2-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_sque
lcas-lcmaps-gt4-interface 0.2.6-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debia
libaxis2j 1.6.1-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_squeeze_
oracle-instantclient-basic 10.2.0.5-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
oracle-instantclient-devel 10.2.0.5-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_d
activemq-cpp-dbg 3.2.5-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_s
activemq-cpp-dev 3.2.5-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dists_s
activemq-cpp-examples 3.2.5-1 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_di
emi-pkgconfig-compatible 1.0.1-2 /var/lib/apt/lists/emisoft.web.cern.ch_emisoft_dist_EMI_3_debian_dis

Test Repo Contents

ca-nics-myproxy 1.52-1 /var/lib/apt/lists/repository.egi.eu_sw_production_cas_1_current_dists_egi
ca-PSC-Myproxy-CA 1.52-1 /var/lib/apt/lists/repository.egi.eu_sw_production_cas_1_current_dists_e

CaNIC-partEMI3Update1 < EMI < TWiki

```
libcanl-c2 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_id_7a
libcanl-c-dev 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_id
libcanl-c-examples 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_a
libcanl-java 1.2.0-0.deb6 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_ap
libcanl-java-doc 1.2.0-0.deb6 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registere
libcanl-c2-dbg 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_registered_apt_i
libcanl-c-examples-dbg 2.1.1-1 /var/lib/apt/lists/etics-repository.cern.ch_repository_pm_register
```

Process

```
wget --no-verbose http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/dists/squeeze/main/binary-
dpkg -i emi-release_3.0.0-2.deb6.1_all.deb
apt-key adv --fetch-keys http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
aptitude update
```

```
aptitude install -y --allow-untrusted libcanl-c-examples
```

```
wget --no-verbose -P /etc/apt/sources.list.d http://etics-repository.cern.ch/repository/pm/regist
cat > /etc/apt/preferences.d/etics <<EOF
Package: *
Pin: origin "etics-repository.cern.ch"
Pin-Priority: 650
EOF
apt-get update
```

```
aptitude -y --allow-untrusted dist-upgrade
```

Full Output of the Installation

```
Selecting previously deselected package emi-release.
(Reading database ... 32149 files and directories currently installed.)
Unpacking emi-release (from emi-release_3.0.0-2.deb6.1_all.deb) ...
Setting up emi-release (3.0.0-2.deb6.1) ...
Executing: gpg --ignore-time-conflict --no-options --no-default-keyring --secret-keyring /etc/apt
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Hit http://ftp.cz.debian.org squeeze/main Sources
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Get:1 http://emisoft.web.cern.ch squeeze Release.gpg [198 B]
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
Hit http://security.debian.org squeeze-updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Hit http://repository.egi.eu egi-igtf Release.gpg
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtf/core Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/third-party Translation-en
Get:2 http://emisoft.web.cern.ch squeeze-updates Release.gpg [198 B]
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates Release
Hit http://security.debian.org wheezy/updates Release
Hit http://repository.egi.eu egi-igtf Release
Get:3 http://emisoft.web.cern.ch squeeze Release [4061 B]
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Get:4 http://emisoft.web.cern.ch squeeze-updates Release [3812 B]
Hit http://security.debian.org squeeze/updates/main Sources
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Get:5 http://emisoft.web.cern.ch squeeze/main Sources [43.8 kB]
Hit http://repository.egi.eu egi-igtf/core amd64 Packages
Get:6 http://emisoft.web.cern.ch squeeze/third-party Sources [20 B]
Get:7 http://emisoft.web.cern.ch squeeze/main amd64 Packages [48.1 kB]
Get:8 http://emisoft.web.cern.ch squeeze/third-party amd64 Packages [7693 B]
Get:9 http://emisoft.web.cern.ch squeeze-updates/main Sources [20 B]
Get:10 http://emisoft.web.cern.ch squeeze-updates/main amd64 Packages [20 B]
Fetched 108 kB in 1s (90.0 kB/s)
Reading package lists...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
Reading task descriptions...
The following NEW packages will be installed:
  libc-ares2{a} libcanl-c-examples libcanl-c2{a}
0 packages upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 134 kB of archives. After unpacking 358 kB will be used.
Reading extended state information...
Get:1 http://ftp.cz.debian.org/debian/ squeeze/main libc-ares2 amd64 1.7.3-1squeeze1 [52.8 kB]
Get:2 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libcanl-c2 amd64 2.0.9-1
Get:3 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libcanl-c-examples amd64
Fetched 134 kB in 0s (620 kB/s)
Selecting previously deselected package libc-ares2.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 32154 files and directories currently installed.)
Unpacking libc-ares2 (from .../libc-ares2_1.7.3-1squeeze1_amd64.deb) ...
Selecting previously deselected package libcanl-c2.
Unpacking libcanl-c2 (from .../libcanl-c2_2.0.9-1_amd64.deb) ...
Selecting previously deselected package libcanl-c-examples.
Unpacking libcanl-c-examples (from .../libcanl-c-examples_2.0.9-1_amd64.deb) ...
Setting up libc-ares2 (1.7.3-1squeeze1) ...
Setting up libcanl-c2 (2.0.9-1) ...
Setting up libcanl-c-examples (2.0.9-1) ...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Reading task descriptions...
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Hit http://ftp.cz.debian.org squeeze/main Sources
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
Hit http://security.debian.org squeeze/updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Hit http://repository.egi.eu egi-igtf Release.gpg
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtf/core Translation-en
Hit http://emisoft.web.cern.ch squeeze Release.gpg
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main Translation-en
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/third-party Translation-en
Hit http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates Release.gpg
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze-updates/main Translation-en
Ign http://etics-repository.cern.ch stable Release.gpg
Ign http://etics-repository.cern.ch/repository/pm/registered/apt/id/7a5171c7-a753-447d-839c-faacf
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates Release
Hit http://security.debian.org wheezy/updates Release
Hit http://repository.egi.eu egi-igtf Release
Hit http://emisoft.web.cern.ch squeeze Release
Hit http://emisoft.web.cern.ch squeeze-updates Release
Ign http://etics-repository.cern.ch stable Release
Hit http://security.debian.org squeeze/updates/main Sources
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/main Sources
Hit http://repository.egi.eu egi-igtf/core amd64 Packages
Get:1 http://etics-repository.cern.ch stable/main amd64 Packages [2577 B]
Hit http://emisoft.web.cern.ch squeeze/third-party Sources
Hit http://emisoft.web.cern.ch squeeze/main amd64 Packages
Hit http://emisoft.web.cern.ch squeeze/third-party amd64 Packages
Hit http://emisoft.web.cern.ch squeeze-updates/main Sources
Hit http://emisoft.web.cern.ch squeeze-updates/main amd64 Packages
Fetched 2577 B in 0s (2596 B/s)
Reading package lists...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Reading task descriptions...
No packages will be installed, upgraded, or removed.
0 packages upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 0 B of archives. After unpacking 0 B will be used.
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Reading task descriptions...
```

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```

Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Reading package lists...
Building dependency tree...
Reading state information...
cvs is already the newest version.
wget is already the newest version.
The following extra packages will be installed:
  autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev g++
  g++-4.4 gettext git intltool-debian libalgorithm-diff-perl
  libalgorithm-diff-xs-perl libalgorithm-merge-perl libapt-pkg-perl
  libclass-accessor-perl libcroco3 libcurl3-gnutls libdpkg-perl liberror-perl
  libfont-afm-perl libglobus-callout0 libglobus-common0
  libglobus-gsi-callback0 libglobus-gsi-cert-utils0 libglobus-gsi-credential1
  libglobus-gsi-openssl-error0 libglobus-gsi-proxy-core0
  libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1 libglobus-gss-assist3
  libglobus-gssapi-gsi4 libglobus-libtool libglobus-openssl
  libglobus-openssl-module0 libhtml-format-perl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhtml-tree-perl libidn11
  libio-pty-perl libio-string-perl libipc-run-perl libltdl7 libmailtools-perl
  libparse-debianchangelog-perl libstdc++6-4.4-dev libsub-name-perl
  libtimedate-perl libunistring0 liburi-perl libvomsapi1 libwww-perl
  libxml-namespacesupport-perl libxml-parser-perl libxml-sax-expat-perl
  libxml-sax-perl libxml-simple-perl libxml2 rsync
Suggested packages:
  bzip2-doc debian-keyring g++-multilib g++-4.4-multilib gcc-4.4-doc
  libstdc++6-4.4-dbg gettext-doc git-doc git-arch git-cvs git-svn git-email
  git-daemon-run git-gui gitk gitweb libdata-dump-perl libipc-sharedcache-perl
  libstdc++6-4.4-doc libcrypt-ssleay-perl libio-socket-ssl-perl
  binutils-multiarch libtext-template-perl
The following NEW packages will be installed:
  autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev g++
  g++-4.4 gettext git globus-proxy-utils intltool-debian
  libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl
  libapt-pkg-perl libclass-accessor-perl libcroco3 libcurl3-gnutls
  libdpkg-perl liberror-perl libfont-afm-perl libglobus-callout0
  libglobus-common0 libglobus-gsi-callback0 libglobus-gsi-cert-utils0
  libglobus-gsi-credential1 libglobus-gsi-openssl-error0
  libglobus-gsi-proxy-core0 libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1
  libglobus-gss-assist3 libglobus-gssapi-gsi4 libglobus-libtool
  libglobus-openssl libglobus-openssl-module0 libhtml-format-perl
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
  libhtml-tree-perl libidn11 libio-pty-perl libio-string-perl libipc-run-perl
  libltdl7 libmailtools-perl libparse-debianchangelog-perl libstdc++6-4.4-dev
  libsub-name-perl libtimedate-perl libunistring0 liburi-perl libvomsapi1
  libwww-perl libxml-namespacesupport-perl libxml-parser-perl
  libxml-sax-expat-perl libxml-sax-perl libxml-simple-perl libxml2 lintian
  lsof rsync voms-clients
0 upgraded, 65 newly installed, 0 to remove and 0 not upgraded.
Need to get 23.9 MB of archives.
After this operation, 66.2 MB of additional disk space will be used.
Get:1 http://ftp.cz.debian.org/debian/ squeeze/main libidn11 amd64 1.15-2 [158 kB]
Get:2 http://ftp.cz.debian.org/debian/ squeeze/main lsof amd64 4.81.dfsg.1-1 [282 kB]
Get:3 http://security.debian.org/ squeeze/updates/main libxml2 amd64 2.7.8.dfsg-2+squeeze7 [874 k
Get:4 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main libvomsapi1 amd64 2.0.10
Get:5 http://ftp.cz.debian.org/debian/ squeeze/main ca-certificates all 20090814+nmu3squeeze1 [14
Get:6 http://ftp.cz.debian.org/debian/ squeeze/main libcurl3-gnutls amd64 7.21.0-2.1+squeeze2 [26
Get:7 http://ftp.cz.debian.org/debian/ squeeze/main liberror-perl all 0.17-1 [23.6 kB]
Get:8 http://ftp.cz.debian.org/debian/ squeeze/main git amd64 1:1.7.2.5-3 [5274 kB]

```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Get:9 http://ftp.cz.debian.org/debian/ squeeze/main autopoint all 0.18.1.1-3 [627 kB]
Get:10 http://ftp.cz.debian.org/debian/ squeeze/main libstdc++6-4.4-dev amd64 4.4.5-8 [1526 kB]
Get:11 http://ftp.cz.debian.org/debian/ squeeze/main g++-4.4 amd64 4.4.5-8 [5515 kB]
Get:12 http://emisoft.web.cern.ch/emisoft/dist/EMI/3/debian/ squeeze/main voms-clients amd64 2.0.
Get:13 http://ftp.cz.debian.org/debian/ squeeze/main g++ amd64 4:4.4.5-1 [1376 B]
Get:14 http://ftp.cz.debian.org/debian/ squeeze/main libtimedate-perl all 1.2000-1 [41.2 kB]
Get:15 http://ftp.cz.debian.org/debian/ squeeze/main libdpkg-perl all 1.15.8.13 [695 kB]
Get:16 http://ftp.cz.debian.org/debian/ squeeze/main bzip2 amd64 1.0.5-6+squeezel [50.5 kB]
Get:17 http://ftp.cz.debian.org/debian/ squeeze/main dpkg-dev all 1.15.8.13 [813 kB]
Get:18 http://ftp.cz.debian.org/debian/ squeeze/main build-essential amd64 11.5 [7178 B]
Get:19 http://ftp.cz.debian.org/debian/ squeeze/main diffstat amd64 1.53-1 [28.5 kB]
Get:20 http://ftp.cz.debian.org/debian/ squeeze/main libcroco3 amd64 0.6.2-1 [125 kB]
Get:21 http://ftp.cz.debian.org/debian/ squeeze/main libunistring0 amd64 0.9.3-3 [437 kB]
Get:22 http://ftp.cz.debian.org/debian/ squeeze/main gettext amd64 0.18.1.1-3 [2076 kB]
Get:23 http://ftp.cz.debian.org/debian/ squeeze/main libltdl7 amd64 2.2.6b-2 [296 kB]
Get:24 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-libtool amd64 1.2-6 [2586 B]
Get:25 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-common0 amd64 11.5-2 [105 kB]
Get:26 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-callout0 amd64 0.7-6 [9264 B]
Get:27 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl amd64 5.1-1 [2650 B]
Get:28 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-openssl-error0 amd64 0.14-6 [8
Get:29 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-ssl1 amd64 2.3-1 [11.0 k
Get:30 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl-module0 amd64 1.3-1 [6488
Get:31 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-cert-utils0 amd64 6.6-1 [11.2
Get:32 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-sysconfig1 amd64 3.1-2 [20.9 k
Get:33 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-callback0 amd64 2.7-1 [32.2 kB]
Get:34 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-credential1 all amd64 3.5-1 [26.3
Get:35 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-core0 amd64 4.5-1 [26.9
Get:36 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gssapi-gsi4 amd64 7.5-2 [48.7 kB]
Get:37 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gss-assist3 amd64 5.9-1 [23.6 kB]
Get:38 http://ftp.cz.debian.org/debian/ squeeze/main globus-proxy-utils amd64 3.9-1 [37.7 kB]
Get:39 http://ftp.cz.debian.org/debian/ squeeze/main intltool-debian all 0.35.0+20060710.1 [30.8
Get:40 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-diff-perl all 1.19.02-2 [51.5 k
Get:41 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-diff-xs-perl amd64 0.04-1 [13.4
Get:42 http://ftp.cz.debian.org/debian/ squeeze/main libalgorithm-merge-perl all 0.08-2 [13.5 kB]
Get:43 http://ftp.cz.debian.org/debian/ squeeze/main libapt-pkg-perl amd64 0.1.24+b1 [91.5 kB]
Get:44 http://ftp.cz.debian.org/debian/ squeeze/main libsub-name-perl amd64 0.04-1 [10.4 kB]
Get:45 http://ftp.cz.debian.org/debian/ squeeze/main libclass-accessor-perl all 0.34-1 [25.9 kB]
Get:46 http://ftp.cz.debian.org/debian/ squeeze/main libfont-afm-perl all 1.20-1 [14.4 kB]
Get:47 http://ftp.cz.debian.org/debian/ squeeze/main liburi-perl all 1.54-2 [98.5 kB]
Get:48 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tagset-perl all 3.20-2 [13.5 kB]
Get:49 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-parser-perl amd64 3.66-1 [115 kB]
Get:50 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tree-perl all 3.23-2 [209 kB]
Get:51 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-format-perl all 2.04-2 [39.5 kB]
Get:52 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-template-perl all 2.9-2 [65.9 kB]
Get:53 http://ftp.cz.debian.org/debian/ squeeze/main libio-pty-perl amd64 1:1.08-1 [42.5 kB]
Get:54 http://ftp.cz.debian.org/debian/ squeeze/main libio-string-perl all 1.08-2 [12.0 kB]
Get:55 http://ftp.cz.debian.org/debian/ squeeze/main libipc-run-perl all 0.89-1 [109 kB]
Get:56 http://ftp.cz.debian.org/debian/ squeeze/main libmailtools-perl all 2.06-1 [97.4 kB]
Get:57 http://ftp.cz.debian.org/debian/ squeeze/main libparse-debianchangelog-perl all 1.1.1-2.1
Get:58 http://ftp.cz.debian.org/debian/ squeeze/main libwww-perl all 5.836-1 [401 kB]
Get:59 http://ftp.cz.debian.org/debian/ squeeze/main libxml-namespacesupport-perl all 1.09-3 [15.
Get:60 http://ftp.cz.debian.org/debian/ squeeze/main libxml-parser-perl amd64 2.36-1.1+b1 [297 kB]
Get:61 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-perl all 0.96+dfsg-2 [86.0 kB]
Get:62 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-expat-perl all 0.40-1 [12.5 kB]
Get:63 http://ftp.cz.debian.org/debian/ squeeze/main libxml-simple-perl all 2.18-3 [72.8 kB]
Get:64 http://ftp.cz.debian.org/debian/ squeeze/main lintian all 2.4.3+squeezel [546 kB]
Get:65 http://ftp.cz.debian.org/debian/ squeeze/main rsync amd64 3.0.7-2 [359 kB]
Preconfiguring packages ...
Fetched 23.9 MB in 1s (17.3 MB/s)
Selecting previously deselected package libidn11.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 32171 files and directories currently installed.)
Unpacking libidn11 (from ../libidn11_1.15-2_amd64.deb) ...
Selecting previously deselected package lsof.
Unpacking lsof (from ../lsof_4.81.dfsg.1-1_amd64.deb) ...
Selecting previously deselected package ca-certificates.
Unpacking ca-certificates (from ../ca-certificates_20090814+nmu3squeeze1_all.deb) ...
Selecting previously deselected package libcurl3-gnutls.
Unpacking libcurl3-gnutls (from ../libcurl3-gnutls_7.21.0-2.1+squeeze2_amd64.deb) ...
Selecting previously deselected package liberror-perl.
Unpacking liberror-perl (from ../liberror-perl_0.17-1_all.deb) ...
Selecting previously deselected package git.
Unpacking git (from ../git_1%3a1.7.2.5-3_amd64.deb) ...
Selecting previously deselected package autopoint.
Unpacking autopoint (from ../autopoint_0.18.1.1-3_all.deb) ...
Selecting previously deselected package libstdc++6-4.4-dev.
Unpacking libstdc++6-4.4-dev (from ../libstdc++6-4.4-dev_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++-4.4.
Unpacking g++-4.4 (from ../g++-4.4_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++.
Unpacking g++ (from ../g++_4%3a4.4.5-1_amd64.deb) ...
Selecting previously deselected package libtimedate-perl.
Unpacking libtimedate-perl (from ../libtimedate-perl_1.2000-1_all.deb) ...
Selecting previously deselected package libdpkg-perl.
Unpacking libdpkg-perl (from ../libdpkg-perl_1.15.8.13_all.deb) ...
Selecting previously deselected package bzip2.
Unpacking bzip2 (from ../bzip2_1.0.5-6+squeeze1_amd64.deb) ...
Selecting previously deselected package dpkg-dev.
Unpacking dpkg-dev (from ../dpkg-dev_1.15.8.13_all.deb) ...
Selecting previously deselected package build-essential.
Unpacking build-essential (from ../build-essential_11.5_amd64.deb) ...
Selecting previously deselected package diffstat.
Unpacking diffstat (from ../diffstat_1.53-1_amd64.deb) ...
Selecting previously deselected package libxml2.
Unpacking libxml2 (from ../libxml2_2.7.8.dfsg-2+squeeze7_amd64.deb) ...
Selecting previously deselected package libcroco3.
Unpacking libcroco3 (from ../libcroco3_0.6.2-1_amd64.deb) ...
Selecting previously deselected package libunistring0.
Unpacking libunistring0 (from ../libunistring0_0.9.3-3_amd64.deb) ...
Selecting previously deselected package gettext.
Unpacking gettext (from ../gettext_0.18.1.1-3_amd64.deb) ...
Selecting previously deselected package libltdl7.
Unpacking libltdl7 (from ../libltdl7_2.2.6b-2_amd64.deb) ...
Selecting previously deselected package libglobus-libtool.
Unpacking libglobus-libtool (from ../libglobus-libtool_1.2-6_amd64.deb) ...
Selecting previously deselected package libglobus-common0.
Unpacking libglobus-common0 (from ../libglobus-common0_11.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-callout0.
Unpacking libglobus-callout0 (from ../libglobus-callout0_0.7-6_amd64.deb) ...
Selecting previously deselected package libglobus-openssl.
Unpacking libglobus-openssl (from ../libglobus-openssl_5.1-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-openssl-error0.
Unpacking libglobus-gsi-openssl-error0 (from ../libglobus-gsi-openssl-error0_0.14-6_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-ssl1.
```

CaNIC-partEMI3Update1 < EMI < TWiki

Unpacking libglobus-gsi-proxy-ssl1 (from ../libglobus-gsi-proxy-ssl1_2.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-openssl-module0.
Unpacking libglobus-openssl-module0 (from ../libglobus-openssl-module0_1.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-cert-utils0.
Unpacking libglobus-gsi-cert-utils0 (from ../libglobus-gsi-cert-utils0_6.6-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-sysconfig1.
Unpacking libglobus-gsi-sysconfig1 (from ../libglobus-gsi-sysconfig1_3.1-2_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-callback0.
Unpacking libglobus-gsi-callback0 (from ../libglobus-gsi-callback0_2.7-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-credential1.
Unpacking libglobus-gsi-credential1 (from ../libglobus-gsi-credential1_3.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-core0.
Unpacking libglobus-gsi-proxy-core0 (from ../libglobus-gsi-proxy-core0_4.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gssapi-gsi4.
Unpacking libglobus-gssapi-gsi4 (from ../libglobus-gssapi-gsi4_7.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-gss-assist3.
Unpacking libglobus-gss-assist3 (from ../libglobus-gss-assist3_5.9-1_amd64.deb) ...
Selecting previously deselected package globus-proxy-utils.
Unpacking globus-proxy-utils (from ../globus-proxy-utils_3.9-1_amd64.deb) ...
Selecting previously deselected package intltool-debian.
Unpacking intltool-debian (from ../intltool-debian_0.35.0+20060710.1_all.deb) ...
Selecting previously deselected package libalgorithm-diff-perl.
Unpacking libalgorithm-diff-perl (from ../libalgorithm-diff-perl_1.19.02-2_all.deb) ...
Selecting previously deselected package libalgorithm-diff-xs-perl.
Unpacking libalgorithm-diff-xs-perl (from ../libalgorithm-diff-xs-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libalgorithm-merge-perl.
Unpacking libalgorithm-merge-perl (from ../libalgorithm-merge-perl_0.08-2_all.deb) ...
Selecting previously deselected package libapt-pkg-perl.
Unpacking libapt-pkg-perl (from ../libapt-pkg-perl_0.1.24+b1_amd64.deb) ...
Selecting previously deselected package libsub-name-perl.
Unpacking libsub-name-perl (from ../libsub-name-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libclass-accessor-perl.
Unpacking libclass-accessor-perl (from ../libclass-accessor-perl_0.34-1_all.deb) ...
Selecting previously deselected package libfont-afm-perl.
Unpacking libfont-afm-perl (from ../libfont-afm-perl_1.20-1_all.deb) ...
Selecting previously deselected package liburi-perl.
Unpacking liburi-perl (from ../liburi-perl_1.54-2_all.deb) ...
Selecting previously deselected package libhtml-tagset-perl.
Unpacking libhtml-tagset-perl (from ../libhtml-tagset-perl_3.20-2_all.deb) ...
Selecting previously deselected package libhtml-parser-perl.
Unpacking libhtml-parser-perl (from ../libhtml-parser-perl_3.66-1_amd64.deb) ...
Selecting previously deselected package libhtml-tree-perl.
Unpacking libhtml-tree-perl (from ../libhtml-tree-perl_3.23-2_all.deb) ...
Selecting previously deselected package libhtml-format-perl.
Unpacking libhtml-format-perl (from ../libhtml-format-perl_2.04-2_all.deb) ...
Selecting previously deselected package libhtml-template-perl.
Unpacking libhtml-template-perl (from ../libhtml-template-perl_2.9-2_all.deb) ...
Selecting previously deselected package libio-pty-perl.
Unpacking libio-pty-perl (from ../libio-pty-perl_1%3a1.08-1_amd64.deb) ...
Selecting previously deselected package libio-string-perl.
Unpacking libio-string-perl (from ../libio-string-perl_1.08-2_all.deb) ...
Selecting previously deselected package libipc-run-perl.
Unpacking libipc-run-perl (from ../libipc-run-perl_0.89-1_all.deb) ...
Selecting previously deselected package libmailtools-perl.
Unpacking libmailtools-perl (from ../libmailtools-perl_2.06-1_all.deb) ...
Selecting previously deselected package libparse-debianchangelog-perl.
Unpacking libparse-debianchangelog-perl (from ../libparse-debianchangelog-perl_1.1.1-2.1_all.deb) ...
Selecting previously deselected package libvomsapi1.
Unpacking libvomsapi1 (from ../libvomsapi1_2.0.10-1_amd64.deb) ...
Selecting previously deselected package libwww-perl.
Unpacking libwww-perl (from ../libwww-perl_5.836-1_all.deb) ...
Selecting previously deselected package libxml-namespacesupport-perl.
Unpacking libxml-namespacesupport-perl (from ../libxml-namespacesupport-perl_1.09-3_all.deb) ...
Selecting previously deselected package libxml-parser-perl.
Unpacking libxml-parser-perl (from ../libxml-parser-perl_2.36-1.1+b1_amd64.deb) ...
Selecting previously deselected package libxml-sax-perl.
Unpacking libxml-sax-perl (from ../libxml-sax-perl_0.96+dfsg-2_all.deb) ...

CaNIC-partEMI3Update1 < EMI < TWiki

```
Selecting previously deselected package libxml-sax-expat-perl.
Unpacking libxml-sax-expat-perl (from ../libxml-sax-expat-perl_0.40-1_all.deb) ...
Selecting previously deselected package libxml-simple-perl.
Unpacking libxml-simple-perl (from ../libxml-simple-perl_2.18-3_all.deb) ...
Selecting previously deselected package lintian.
Unpacking lintian (from ../lintian_2.4.3+squeezel_all.deb) ...
Selecting previously deselected package rsync.
Unpacking rsync (from ../rsync_3.0.7-2_amd64.deb) ...
Selecting previously deselected package voms-clients.
Unpacking voms-clients (from ../voms-clients_2.0.10-1_amd64.deb) ...
Processing triggers for man-db ...
Processing triggers for install-info ...
Setting up libidn11 (1.15-2) ...
Setting up lsof (4.81.dfsg.1-1) ...
Setting up ca-certificates (20090814+nmu3squeezel) ...
Updating certificates in /etc/ssl/certs... WARNING: Skipping duplicate certificate brasil.gov.br.
140 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d....done.
Setting up libcurl3-gnutls (7.21.0-2.1+squeeze2) ...
Setting up liberror-perl (0.17-1) ...
Setting up git (1:1.7.2.5-3) ...
Setting up autopoint (0.18.1.1-3) ...
Setting up libtimedate-perl (1.2000-1) ...
Setting up libdpkg-perl (1.15.8.13) ...
Setting up bzip2 (1.0.5-6+squeezel) ...
Setting up dpkg-dev (1.15.8.13) ...
Setting up diffstat (1.53-1) ...
Setting up libxml2 (2.7.8.dfsg-2+squeeze7) ...
Setting up libcroco3 (0.6.2-1) ...
Setting up libunistring0 (0.9.3-3) ...
Setting up gettext (0.18.1.1-3) ...
Setting up libltdl7 (2.2.6b-2) ...
Setting up libglobus-libtool (1.2-6) ...
Setting up libglobus-common0 (11.5-2) ...
Setting up libglobus-callout0 (0.7-6) ...
Setting up libglobus-openssl (5.1-1) ...
Setting up libglobus-gsi-openssl-error0 (0.14-6) ...
Setting up libglobus-gsi-proxy-ssl1 (2.3-1) ...
Setting up libglobus-openssl-module0 (1.3-1) ...
Setting up libglobus-gsi-cert-utils0 (6.6-1) ...
Setting up libglobus-gsi-sysconfig1 (3.1-2) ...
Setting up libglobus-gsi-callback0 (2.7-1) ...
Setting up libglobus-gsi-credential1 (3.5-1) ...
Setting up libglobus-gsi-proxy-core0 (4.5-1) ...
Setting up libglobus-gssapi-gsi4 (7.5-2) ...
Setting up libglobus-gss-assist3 (5.9-1) ...
Setting up globus-proxy-utils (3.9-1) ...
Setting up intltool-debian (0.35.0+20060710.1) ...
Setting up libalgorithm-diff-perl (1.19.02-2) ...
Setting up libalgorithm-diff-xs-perl (0.04-1) ...
Setting up libalgorithm-merge-perl (0.08-2) ...
Setting up libapt-pkg-perl (0.1.24+b1) ...
Setting up libsub-name-perl (0.04-1) ...
Setting up libclass-accessor-perl (0.34-1) ...
Setting up libfont-afm-perl (1.20-1) ...
Setting up liburi-perl (1.54-2) ...
Setting up libhtml-tagset-perl (3.20-2) ...
Setting up libhtml-parser-perl (3.66-1) ...
Setting up libhtml-tree-perl (3.23-2) ...
Setting up libhtml-format-perl (2.04-2) ...
Setting up libhtml-template-perl (2.9-2) ...
Setting up libio-pty-perl (1:1.08-1) ...
Setting up libio-string-perl (1.08-2) ...
Setting up libipc-run-perl (0.89-1) ...
Setting up libmailtools-perl (2.06-1) ...
Setting up libparse-debianchangelog-perl (1.1.1-2.1) ...
Setting up libvomsapi1 (2.0.10-1) ...
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Setting up libwww-perl (5.836-1) ...
Setting up libxml-namespacesupport-perl (1.09-3) ...
Setting up libxml-parser-perl (2.36-1.1+b1) ...
Setting up libxml-sax-perl (0.96+dfsg-2) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::PurePerl with priority 10...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...

Creating config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-sax-expat-perl (0.40-1) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::Expat with priority 50...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...
Replacing config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-simple-perl (2.18-3) ...
Setting up lintian (2.4.3+squeeze1) ...
Generating en_US.UTF-8 locale for internal Lintian use....
Setting up rsync (3.0.7-2) ...
Setting up voms-clients (2.0.10-1) ...
Setting up libstdc++6-4.4-dev (4.4.5-8) ...
Setting up g++-4.4 (4.4.5-8) ...
Setting up g++ (4:4.4.5-1) ...
update-alternatives: using /usr/bin/g++ to provide /usr/bin/c++ (c++) in auto mode.
Setting up build-essential (11.5) ...
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
```

```
U org.gluon.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
```

```
U org.gluon.testsuites.ctb/CANL-C/tests/test-common.sh
```

```
=====
```

```
REAL TESTS START HERE
```

```
=====
```

Mar 27 20:13:16 nympha8-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:13:16 nympha8-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:13:16 nympha8-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]

received: This is a testing message to send server: waiting for connections... [SERVER] connection

established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"

sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

[CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the

testing message to send" sent successfully [CLIENT] received: This is a testing message to send server:

waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client

[SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the

testing message to send **done**

Mar 27 20:13:28 nympha8-2.zcu.cz canl-test-sha2.sh: end

```
=====
```

```
TESTS END HERE
```

```
=====
```

Minor upgrade from production (EMI-3), Scientific 5 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha10-2.zcu.cz
Duration	0 min
Testbed uptime	20:11:49 up 4 min, 0 users, load average: 1.05, 1.00, 0.46

Production Repo Contents

```

semsg-plugins-py 1.3.2 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
lcmapps-plugins-basic-ldap 1.5.1 EMI-3-base
glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
glue-validator 1.0.5 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
glite-wms-purger 3.5.0 EMI-3-base
glite-build-common-cpp 3.3.3 EMI-3-base
glite-lb-yaim 4.5.8 EMI-3-base
gridsite-libs 2.0.4 EMI-3-base
glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
lcg-infosites 3.1.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
semsg-plugins-lcgdm 1.3.2 EMI-3-base
glite-wms-brokerinfo-access 3.5.0 EMI-3-base
glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
glite-info-plugin-fcr 3.0.5 EMI-3-base
glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
emi-voms-mysql 1.1.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
glite-wms-jobsubmission-devel 3.5.0 EMI-3-base
glite-wms-configuration 3.5.0 EMI-3-base
storm-xmlrpc-c-client 1.25.10 EMI-3-base
voms-admin-server 3.0.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
glite-lb-types 2.0.5 EMI-3-base
storm-srm-client 1.6.0 EMI-3-base
lcas-plugins-basic 1.3.6 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
glite-lb-client-devel 6.0.5 EMI-3-base
lcmapps-globus-interface 1.5.7 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi.saga-adapter.context-cpp-debuginfo 1.0.2 EMI-3-base
gridsite-debuginfo 2.0.4 EMI-3-base
glite-lb-state-machine-devel 2.0.4 EMI-3-base
lcgdm-tests 1.8.4 EMI-3-base
glite-px-myproxy-yaim 4.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base
lcmapps-plugins-voms-debuginfo 1.5.5 EMI-3-base
glite-wms-core 3.5.0 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
lcgdm-tests-debuginfo 1.8.4 EMI-3-base
mongo-10gen-server 2.0.4 EMI-3-third-party
gfaFS-debuginfo 1.0.1 EMI-3-base
glite-lb-client-java 2.0.2 EMI-3-base
globus-gridftp-server-control 2.7 EMI-3-third-party

```

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storm-xmlrpc-c 1.25.10 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
lcmaps-plugins-basic 1.5.1 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
voms-oracle-plugin-debuginfo 3.1.15 EMI-3-base
dcache-srmclient-debuginfo 2.2.4 EMI-3-base
maui-server 3.3 EMI-3-third-party
storm-xmlrpc-c-c++ 1.25.10 EMI-3-base
glite-lbjp-common-server-bones 2.3.6 EMI-3-base
glite-lb-common-devel 9.0.5 EMI-3-base
gfal2-python 1.1.0 EMI-3-base
emi.saga-adapter.isn-cpp-debuginfo 1.0.3 EMI-3-base
tstorm 2.0.1 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
ees-pepd-oh 0.1.3 EMI-3-base
emir-serp 1.2.1 EMI-3-base
sensor-host 1.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
bouncycastle146-javadoc 1.46 EMI-3-base
dcap 2.47.7 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
gridftp-ifce 2.3.0 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
globus-gss-assist 8.6 EMI-3-third-party
wnodes_nameserver 2.0.4 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
glite-lbjp-common-log 1.3.6 EMI-3-base
glite-yaim-bdii 4.3.13 EMI-3-base
emi-wms-nagios 3.5.0 EMI-3-base
glite-lbjp-common-maildir 2.3.6 EMI-3-base
glite-lb-client 6.0.5 EMI-3-base
kill-stale-ftp 1.0.1 EMI-3-base
dpm 1.8.6 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
bouncycastle146-mail 1.46 EMI-3-third-party
CGSI-gSOAP 1.3.5 EMI-3-base
emi-wms 3.5.0 EMI-3-base
lcg-expiregridmapdir 3.0.1 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
fts2-devel 2.2.9 EMI-3-base
lcg-tags 0.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
dpm-perl 1.8.6 EMI-3-base
xrootd-client-admin-java 3.2.7 EMI-3-third-party
lcmaps-plugins-voms 1.5.5 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
voms-api-java3 3.0.0 EMI-3-base
cx_Oracle 5.0.3 EMI-3-third-party
glite-wms-ui-api-python 3.5.0 EMI-3-base
glue-validator-cron 1.0.2 EMI-3-base
davix-debuginfo 0.0.27 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
nordugrid-arc-acix-index 3.0.0 EMI-3-base
lib64ldap2.4_2 2.4.22 EMI-3-third-party
glite-lb-client-java-debuginfo 2.0.2 EMI-3-base
gfalFS 1.0.1 EMI-3-base
apel-client 1.0.0 EMI-3-base
xacml 1.1.2 EMI-3-base
glite-lb-state-machine-plugins 2.0.4 EMI-3-base
is-interface 1.14.0 EMI-3-base

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glite-yaim-clients 5.2.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
emi-trustmanager-axis 2.0.2 EMI-3-third-party
lcmads-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
voms-mysql-plugin 3.1.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
globus-ftp-control-devel 4.4 EMI-3-third-party
xacml-devel 1.1.2 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
emi-storm-gridhttps-mp 1.0.0 EMI-3-base
unicore-nagios-plugins 2.3.2 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
al_grid_env-debuginfo 3.0.2 EMI-3-base
glite-wms-wmproxy-api-cpp-doc 3.5.0 EMI-3-base
emi-emir 1.2.1 EMI-3-base
lcmads-devel 1.5.7 EMI-3-base
wnodes_hypervisor 2.0.5 EMI-3-base
pseudonymity-common 1.1.1 EMI-3-base
bdii 5.2.17 EMI-3-base
pseudonymity-server 1.1.1 EMI-3-base
globus-io-debuginfo 9.3 EMI-3-third-party
emi.amga.amga-server 2.4.0 EMI-3-base
emi-cream-nagios 1.0.1 EMI-3-base
sts 1.0.0 EMI-3-base
nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
lcgdm-oracle-debuginfo 1.8.6 EMI-3-base
glite-lbjp-common-trio 2.3.8 EMI-3-base
glite-lb-utils-debuginfo 2.3.6 EMI-3-base
info-dynamic-scheduler-slurm 1.0.0 EMI-3-base
nagios-plugins-glexec 0.3.2 EMI-3-base
edg-mkgridmap 4.0.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
lcg-util 1.14.0 EMI-3-base
nordugrid-arc-debuginfo 3.0.0 EMI-3-base
nordugrid-arc-egiis 3.0.0 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
unicore-unicorex6 6.0.0 EMI-3-base
CGSI-gSOAP 1.3.5 EMI-3-base
glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
ees 0.1.4 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
emi.dcache.srm-probes 1.0.0 EMI-3-base
argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
storm-xmlrpc-c-client++ 1.25.10 EMI-3-base
lfc-python26 1.8.6 EMI-3-base
lcgdm-dav-debuginfo 0.11.0 EMI-3-base
nagios-plugins-voms 1.0.0 EMI-3-base
gwt-lib 1.7.1 EMI-3-third-party
lcgdm-dav 0.11.0 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
maven 2.2.1 EMI-3-third-party
nagios-plugins-fts 1.0.1 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base
dcap-tunnel-telnet 2.47.7 EMI-3-base
globus-gridftp-server-control-devel 2.7 EMI-3-third-party
lcgdm-dav 0.11.0 EMI-3-base
semmsg-libs 1.3.2 EMI-3-base
gfal-python 1.14.0 EMI-3-base
emi-slurm-utils 1.0.1 EMI-3-base
davix-devel 0.0.27 EMI-3-base
openldap2.4 2.4.22 EMI-3-third-party
lcg-ManageVOTag 4.0.0 EMI-3-base
globus-ftp-control-devel 4.4 EMI-3-third-party

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unicore-uvos-server 1.6.0 EMI-3-base
glite-ce-monitor-client-devel 1.15.1 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
lcmapi-basic-interface 1.5.7 EMI-3-base
sensor-common 1.0.0 EMI-3-base
nordugrid-arc-python26 3.0.0 EMI-3-base
glexec-wrapper-scripts 0.0.7 EMI-3-base
nagios-plugins-dpm-head 0.9.4 EMI-3-base
python-simplejson 2.0.9 EMI-3-third-party
emi-lb-nagios-plugins 1.2.9 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
emi.amga.amga-server-debuginfo 2.4.0 EMI-3-base
lcmapi-plugins-basic-debuginfo 1.5.1 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
globus-io 9.3 EMI-3-third-party
glite-lbjp-common-db 3.2.6 EMI-3-base
nordugrid-arc-python 3.0.0 EMI-3-base
glite-yaim-torque-server 5.1.0 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base
jug 1.1 EMI-3-third-party
glite-info-provider-ldap 1.4.4 EMI-3-base
canl-c 2.0.9 EMI-3-base
is-interface-debuginfo 1.14.0 EMI-3-base
emi-trustmanager-axis2 1.0.1 EMI-3-third-party
glite-lb-common-debuginfo 9.0.5 EMI-3-base
maui-client 3.3 EMI-3-third-party
axis1.4 1.4 EMI-3-third-party
unicore-hila-shell 2.4.0 EMI-3-base
emi-trustmanager-test 2.0.2 EMI-3-third-party
nagios-plugins-lcgdm 0.9.4 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
glite-jobid-api-c-devel 2.2.7 EMI-3-base
davix-libs 0.0.27 EMI-3-base
emi-bdii-site 1.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
c-check 0.9.8 EMI-3-third-party
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
glite-wms-utils-exception 3.4.1 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
glite-wms-utils-classad-devel 3.4.1 EMI-3-base
emi-bdii-top 1.0.1 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
semmsg-devel 1.3.2 EMI-3-base
gsoap2.7-devel 2.7.6b EMI-3-third-party
emi.saga-adapter.sd-cpp-debuginfo 1.0.4 EMI-3-base
argus-gsi-pep-callout 1.3.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
lcmapi-plugins-afs 1.4.0 EMI-3-base
bdii-config-top 1.0.7 EMI-3-base
jclassads 2.4.0 EMI-3-third-party
emi-dpm_mysql 1.8.6 EMI-3-base
semmsg 1.3.2 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
lcg-util-devel 1.14.0 EMI-3-base
storm-xmlrpc-c-devel 1.25.10 EMI-3-base
lcgdm-libs 1.8.6 EMI-3-base
glite-ce-wsdl 1.15.1 EMI-3-base
emi.amga.amga-cli 2.4.0 EMI-3-base
glite-yaim-torque-utils 5.1.1 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dcache-srmclient 2.2.4 EMI-3-base
gridftp-ifce-debuginfo 2.3.0 EMI-3-base
glite-wn-info 1.0.3 EMI-3-base
lcg-info 1.12.2 EMI-3-base

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ees-debuginfo 0.1.4 EMI-3-base
canl-c-devel 2.0.9 EMI-3-base
unicore-configurator 1.0.0 EMI-3-base
glite-wms-wmproxy-api-cpp-devel 3.5.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
lcgdm-devel 1.8.6 EMI-3-base
storm-xmlrpc-c-debuginfo 1.25.10 EMI-3-base
globus-gridftp-server-devel 6.16 EMI-3-third-party
ant1.8 1.8.2 EMI-3-third-party
dpm-server-oracle 1.8.6 EMI-3-base
globus-gridftp-server 6.16 EMI-3-third-party
emi-storm-srm-client-mp 1.0.0 EMI-3-base
globus-gridftp-server 6.16 EMI-3-third-party
argus-pepcli-debuginfo 2.2.0 EMI-3-base
glite-info-provider-service 1.12.0 EMI-3-base
lfc-server-oracle 1.8.6 EMI-3-base
voms-devel 2.0.10 EMI-3-base
glite-service-discovery-bdii-c 2.2.0 EMI-3-third-party
globus-io-devel 9.3 EMI-3-third-party
lcgdm-libs 1.8.6 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
lcgdm-debuginfo 1.8.6 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
lcmapi-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
mpi-start 1.5.0 EMI-3-base
maui-devel 3.3 EMI-3-third-party
maui 3.3 EMI-3-third-party
lcmapi-without-gsi-devel 1.5.7 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
emi.saga-adapter.sd-cpp 1.0.4 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
glite-ce-monitor-client-api-c 1.15.1 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
yaim-argus_server 1.6.0 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
globus-gss-assist-devel 8.6 EMI-3-third-party
lcmapi-plugins-verify-proxy 1.5.4 EMI-3-base
glite-ce-cream-client-api-c 1.15.1 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
nagios-plugins-argus 1.1.0 EMI-3-base
glite-jobid-api-java 1.3.4 EMI-3-base
lcmapi-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
dpm-name-server-oracle 1.8.6 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
voms-clients3 3.0.0 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
glite-yaim-core 5.1.1 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
gfal2-debuginfo 2.1.0 EMI-3-base
emi-voms-oracle 1.1.0 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-third-party
gfal2-utils-debuginfo 0.0.14 EMI-3-base
lcas-plugins-check-executable 1.2.4 EMI-3-base
glexec-debuginfo 0.9.8 EMI-3-base
emi.saga-adapter.isn-common 1.0.1 EMI-3-base
globus-io-devel 9.3 EMI-3-third-party
lcas-debuginfo 1.3.19 EMI-3-base

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al_grid_env 3.0.2 EMI-3-base
 glite-lb-client-progs 6.0.5 EMI-3-base
 lfc-libs 1.8.6 EMI-3-base
 nordugrid-arc-information-index 1.0.6 EMI-3-base
 glite-wms-common-devel 3.5.0 EMI-3-base
 emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
 dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
 nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
 emi-version 3.0.0 EMI-3-base
 xrootd-debuginfo 3.2.7 EMI-3-third-party
 emi-mpi 1.0.2 EMI-3-base
 glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
 glite-jdl-api-cpp 3.4.1 EMI-3-base
 emi-torque-client 1.0.0 EMI-3-base
 emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
 emi-version-debuginfo 3.0.0 EMI-3-base
 globus-gss-assist-devel 8.6 EMI-3-third-party
 glite-info-site 0.4.0 EMI-3-base
 glite-wms-ui-commands 3.5.0 EMI-3-base
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 glite-lb-utils 2.3.6 EMI-3-base
 glite-jdl-api-java 3.3.1 EMI-3-base
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 argus-pepcli 2.2.0 EMI-3-base
 gfal-doc 1.14.0 EMI-3-base
 lcmaps-without-gsi 1.5.7 EMI-3-base
 condor-lcg 1.2.0 EMI-3-third-party
 glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
 glite-wms-purger-devel 3.5.0 EMI-3-base
 glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
 lfc 1.8.6 EMI-3-base
 globus-gss-assist 8.6 EMI-3-third-party
 sensor-service 1.0.0 EMI-3-base
 nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
 nordugrid-arc-acix-core 3.0.0 EMI-3-base
 glite-wms-core-devel 3.5.0 EMI-3-base
 glite-initscript-globus-gridftp 1.0.4 EMI-3-base
 glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
 voms-api-java3-javadoc 3.0.0 EMI-3-base
 emi-argus 1.6.0 EMI-3-base
 argus-pep-api-c 2.2.0 EMI-3-base
 glite-lb-client-debuginfo 6.0.5 EMI-3-base
 nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
 semsg-debuginfo 1.3.2 EMI-3-base
 nordugrid-arc-acix-cache 3.0.0 EMI-3-base
 fts2-client-debuginfo 2.2.9 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lfc-perl 1.8.6 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
 glite-lb-logger-devel 2.4.15 EMI-3-base
 dpm-dsi-devel 1.8.3 EMI-3-base
 dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
 canl-java-axis2 0.1.3 EMI-3-base
 nordugrid-arc-hed 3.0.0 EMI-3-base
 glite-info-static 0.2.0 EMI-3-base
 storm-frontend-server 1.8.1 EMI-3-base
 lcas-lcmaps-gt4-interface 0.2.6 EMI-3-third-party
 nordugrid-arc-compute-element 1.0.6 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 glite-wms-jobsubmission-lib 3.5.0 EMI-3-base
 nordugrid-arc-java 3.0.0 EMI-3-base
 emi-torque-server 1.0.0 EMI-3-base
 emi-slurm-client 1.0.1 EMI-3-base
 lcg-util-python26 1.14.0 EMI-3-base
 dpm-name-server-mysql 1.8.6 EMI-3-base
 emi-px 1.0.2 EMI-3-base

wnodes_accounting 1.0.0 EMI-3-base
emi-ui 3.0.0 EMI-3-base
glite-ce-monitor-cli 1.15.1 EMI-3-base
storm-globus-gridftp-server 1.2.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
emi-dcache-clients 1.0.0 EMI-3-base
glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
SAGA.lsu-cpp.engine 1.6.0 EMI-3-third-party
glite-lb-harvester 1.3.8 EMI-3-base
mongo-10gen 2.0.4 EMI-3-third-party
glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
gfal-debuginfo 1.14.0 EMI-3-base
globus-io 9.3 EMI-3-third-party
lcgdm-devel 1.8.6 EMI-3-base
glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
dmlite-plugins-librarian 0.4.0 EMI-3-base
glite-lb-logger 2.4.15 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
emi-wn 3.0.0 EMI-3-base
glite-wms-interface 3.5.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
dpm-srm-server-oracle 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
glite-jobid-api-c 2.2.7 EMI-3-base
condor-emi 7.8.0 EMI-3-third-party
dpm-rfio-server 1.8.6 EMI-3-base
emi.saga-adapter.context-cpp 1.0.2 EMI-3-base
semmsg-plugins-debuginfo 1.3.2 EMI-3-base
glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
globus-ftp-control-doc 4.4 EMI-3-third-party
sensor-run 1.0.0 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
voms-clients 2.0.10 EMI-3-base
openldap2.4-clients 2.4.22 EMI-3-third-party
wnodes_cloud 1.0.0 EMI-3-base
gridftp-ifce 2.3.0 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
glite-lb-state-machine 2.0.4 EMI-3-base
glite-lbjp-common-db-devel 3.2.6 EMI-3-base
gfal 1.14.0 EMI-3-base
glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
voms-oracle-plugin 3.1.15 EMI-3-base
emi-pkgconfig-compatible 1.0.1 EMI-3-third-party
glite-ce-cream-client-devel 1.15.1 EMI-3-base
argus-pep-common 2.3.0 EMI-3-base
glite-yaim-torque-client 5.1.0 EMI-3-base
lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
argus-pap 1.6.0 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
yaim-storm 4.3.0 EMI-3-base
dpm-python26 1.8.6 EMI-3-base
globus-gridftp-server-control-devel 2.7 EMI-3-third-party
glite-wms-wmproxy-api-cpp 3.5.0 EMI-3-base
apr1.4-devel 1.4.2 EMI-3-third-party
glite-ce-cream-cli 1.15.1 EMI-3-base
glite-wms-jobsubmission 3.5.0 EMI-3-base
mkgltmpdir 0.0.3 EMI-3-base
voms-doc 2.0.10 EMI-3-base
argus-pep-api-c-devel 2.2.0 EMI-3-base
lcmapi-debuginfo 1.5.7 EMI-3-base
lcg-util-python 1.14.0 EMI-3-base
dcacheVoms2Gplasma 0.0.8 EMI-3-base

voms-mysql-plugin-debuginfo 3.1.6 EMI-3-base
 nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
 dmlite-plugins-adapter 0.4.1 EMI-3-base
 unicore-hila-emi-es 2.4.0 EMI-3-base
 nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
 glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
 nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
 glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
 glite-wms-utils-exception-devel 3.4.1 EMI-3-base
 emi-maven-common 1.0.0 EMI-3-base
 glite-yaim-mpi 1.1.12 EMI-3-base
 editline 2.9 EMI-3-third-party
 argus-pep-server 1.6.0 EMI-3-base
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 bdii-config-site 1.0.7 EMI-3-base
 lcas-plugins-voms 1.3.11 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 lcmaps-plugins-afs-debuginfo 1.4.0 EMI-3-base
 nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
 gfal2-utils 0.0.14 EMI-3-base
 activemq 5.4.2 EMI-3-third-party
 glite-lb-ws-interface 4.0.4 EMI-3-base
 CGSI-gSOAP-devel 1.3.5 EMI-3-base
 dpm-devel 1.8.6 EMI-3-base
 unicore-registry6 6.0.0 EMI-3-base
 dpm-libs 1.8.6 EMI-3-base
 glite-wms-brokerinfo-access-doc 3.5.0 EMI-3-base
 globus-gridftp-server-control 2.7 EMI-3-third-party
 lfc-dli 1.8.6 EMI-3-base
 argus-pdp 1.6.0 EMI-3-base
 emi-maven-common-debuginfo 1.0.0 EMI-3-base
 srm-ifce-devel 1.14.0 EMI-3-base
 globus-gss-assist-debuginfo 8.6 EMI-3-third-party
 gfal-devel 1.14.0 EMI-3-base
 ees-pepd-oh-javadoc 0.1.3 EMI-3-base
 lfc-server-mysql 1.8.6 EMI-3-base
 globus-gridftp-server-progs 6.16 EMI-3-third-party
 voms-debuginfo 2.0.10 EMI-3-base
 condor 7.4.2 EMI-3-third-party
 lcg-util-devel 1.14.0 EMI-3-base
 dcap-libs 2.47.7 EMI-3-base
 activemq-cpp-library 3.2.5 EMI-3-third-party
 glite-wms-brokerinfo-access-lib 3.5.0 EMI-3-base
 emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
 canl-c++ 1.0.0 EMI-3-base
 lcmaps-openssl-interface 1.5.7 EMI-3-base
 nordugrid-arc-doxygen 3.0.0 EMI-3-base
 dcap-tunnel-ssl 2.47.7 EMI-3-base
 globus-ftp-control 4.4 EMI-3-third-party
 maui-devel 3.3 EMI-3-third-party
 voms 2.0.10 EMI-3-base
 emi-dpm_oracle 1.8.6 EMI-3-base
 gridsite 2.0.4 EMI-3-base
 gfal-python26 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 glexec 0.9.8 EMI-3-base
 glite-lb-server 3.0.7 EMI-3-base
 glite-wms-brokerinfo-access-devel 3.5.0 EMI-3-base
 voms-devel 2.0.10 EMI-3-base
 glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 semsg-server 1.3.2 EMI-3-base
 dmlite-debuginfo 0.4.2 EMI-3-base
 glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
 nagios-plugins-dpm-disk 0.9.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 CGSI-gSOAP-devel 1.3.5 EMI-3-base

```

fts2-client 2.2.9 EMI-3-base
lcg-pbs-utils 2.0.0 EMI-3-base
globus-gss-assist-doc 8.6 EMI-3-third-party
lcg-pbs-utils-debuginfo 2.0.0 EMI-3-base
glite-px-proxyrenewal 1.3.31 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
lcgdm-dav-devel 0.11.0 EMI-3-base
dpm-yaim 4.2.9 EMI-3-base
glite-wms-utils-classad 3.4.1 EMI-3-base
glite-lb-doc 1.4.11 EMI-3-base
lcmads-plugins-c-pep 1.2.3 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
storm-xmlrpc-c-apps 1.25.10 EMI-3-base
nordugrid-arc-arcs 3.0.0 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
globus-ftp-control-debuginfo 4.4 EMI-3-third-party
apel-server 1.0.0 EMI-3-base
gfal2-python-doc 1.1.0 EMI-3-base
glue-schema 2.0.10 EMI-3-base
lcmads-plugins-tracking-groupid 0.1.0 EMI-3-base
emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
gridsite-service-clients 2.0.4 EMI-3-base
lcas-devel 1.3.19 EMI-3-base
voms-admin-client 2.0.18 EMI-3-base
emi-torque-utils 2.0.1 EMI-3-base
nagios-plugins-lfc 0.9.4 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
emi-resource-information-service 1.0.3 EMI-3-base
emi.saga-adapter.isn-cpp 1.0.3 EMI-3-base
sensor-api 1.0.0 EMI-3-base
emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
delegation-java 3.0.13 EMI-3-base
glite-jdl-api-java-doc 3.3.1 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
unicore-ucc6 6.0.0 EMI-3-base
apr-util1.3-devel 1.3.10 EMI-3-third-party
glite-wms-common 3.5.0 EMI-3-base
glite-lbjp-common-log-devel 1.3.6 EMI-3-base
davix-doc 0.0.27 EMI-3-base
openldap2.4-extra-schemas 1.3 EMI-3-third-party
glite-lb-server-debuginfo 3.0.7 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base
storm-pre-assembled-configuration 1.1.0 EMI-3-base
nordugrid-arc-client-tools 1.0.6 EMI-3-base
nordugrid-arc-doc 1.3.0 EMI-3-base
storm-gridhttps-server 2.0.0 EMI-3-base
nordugrid-arc-misc-utils 3.0.0 EMI-3-base
emi.amga.amga-cli-debuginfo 2.4.0 EMI-3-base
dpm-copy-server-oracle 1.8.6 EMI-3-base
lcgdm-dav-server 0.11.0 EMI-3-base
gridsite-commands 2.0.4 EMI-3-base
dcache-server 2.2.4 EMI-3-base
dcap-tunnel-krb 2.47.7 EMI-3-base
axis2 1.6.1 EMI-3-third-party
lcmads 1.5.7 EMI-3-base
glite-lb-common 9.0.5 EMI-3-base
gfal 1.14.0 EMI-3-base
emi-trustmanager-tomcat 3.0.1 EMI-3-third-party
glite-jdl-api-cpp-doc 3.4.1 EMI-3-base
canl-c++-devel 1.0.0 EMI-3-base
emi-release 3.0.0 EMI-3-base
bouncycastle146 1.46 EMI-3-base
dynsched-generic 2.5.1 EMI-3-base
dcap-debuginfo 2.47.7 EMI-3-base
storm-backend-server 1.11.0 EMI-3-base
voms 2.0.10 EMI-3-base

```

CaNIC-partEMI3Update1 < EMI < TWiki

```
lcg-util-debuginfo 1.14.0 EMI-3-base
glite-jdl-api-cpp-devel 3.4.1 EMI-3-base
glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
emi-lb 1.0.2 EMI-3-base
globus-gss-assist-progs 8.6 EMI-3-third-party
ees-devel 0.1.4 EMI-3-base
lcas 1.3.19 EMI-3-base
glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
apel-lib 1.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
is-interface 1.14.0 EMI-3-base
davix 0.0.27 EMI-3-base
voms-server 2.0.10 EMI-3-base
glite-info-update-endpoints 2.0.12 EMI-3-base
lcg-info-dynamic-scheduler-pbs 2.4.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
glite-lb-logger-msg 1.2.8 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
mm-mysql 3.1.8 EMI-3-third-party
gfal2-python-debuginfo 1.1.0 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
glite-service-discovery-api-c 2.2.3 EMI-3-third-party
glexec-wn 1.2.0 EMI-3-base
glite-lbjp-common-gss 3.2.11 EMI-3-base
gridsite-devel 2.0.4 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
glite-wms-ice 3.5.0 EMI-3-base
openldap2.4-servers 2.4.22 EMI-3-third-party
glite-lb-logger-debuginfo 2.4.15 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
```

Test Repo Contents

```
canl-c-devel 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-java 1.2.0 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-doc 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-examples 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/5/x86_64/epel-release-5-4.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s15/x86_64/base/emi-release-3.0.0-2.el5.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/5/x86_64/epel-release-5-4.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: downloadonly, kernel-module
```

Test Repo Contents

CaNIC-partEMI3Update1 < EMI < TWiki

```
Excluding Packages from SL 5 base
Finished
Reducing SL 5 base jdk to included packages only
Finished
Excluding Packages from SL 5 security updates
Finished
Reducing SL 5 security updates jdk only to included packages only
Finished
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-priorities.noarch 0:1.1.16-21.el5 set to be updated
---> Package yum-protectbase.noarch 0:1.1.16-21.el5 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
Package                Arch             Version          Repository        Size
=====
Installing:
yum-priorities         noarch          1.1.16-21.el5   sl-base          16 k
yum-protectbase       noarch          1.1.16-21.el5   sl-base          14 k
=====
```

Transaction Summary

```
=====
Install      2 Package(s)
Upgrade     0 Package(s)
=====
```

Total download size: 29 k
Downloading Packages:

```
-----
Total                               145 kB/s | 29 kB      00:00
```

```
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Installing      : yum-protectbase                      1/2
Installing      : yum-priorities                      2/2
```

Installed:

```
yum-priorities.noarch 0:1.1.16-21.el5 yum-protectbase.noarch 0:1.1.16-21.el5
```

Complete!

```
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl5/x86_64/base/emi-release-3.0.0-2.el5.
```

```
Preparing... #####
```

```
emi-release #####
```

```
Loaded plugins: downloadonly, kernel-module, priorities, protectbase
```

```
Excluding Packages from SL 5 base
```

```
Finished
```

```
Reducing SL 5 base jdk to included packages only
```

```
Finished
```

```
Excluding Packages from SL 5 security updates
```

```
Finished
```

```
Reducing SL 5 security updates jdk only to included packages only
```

```
Finished
```

```
377 packages excluded due to repository priority protections
```

```
0 packages excluded due to repository protections
```

```
Setting up Install Process
```

```
Resolving Dependencies
```

```
--> Running transaction check
```

```
---> Package canl-c.i386 0:2.0.9-1.el5 set to be updated
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
--> Processing Dependency: libcares.so.2 for package: canl-c
--> Package canl-c.x86_64 0:2.0.9-1.e15 set to be updated
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c
--> Package canl-c-examples.x86_64 0:2.0.9-1.e15 set to be updated
--> Running transaction check
--> Package c-ares.i386 0:1.6.0-5.e15 set to be updated
--> Package c-ares.x86_64 0:1.6.0-5.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
```

Package	Arch	Version	Repository	Size
Installing:				
canl-c	i386	2.0.9-1.e15	EMI-3-base	69 k
canl-c	x86_64	2.0.9-1.e15	EMI-3-base	69 k
canl-c-examples	x86_64	2.0.9-1.e15	EMI-3-base	12 k
Installing for dependencies:				
c-ares	i386	1.6.0-5.e15	sl-base	49 k
c-ares	x86_64	1.6.0-5.e15	sl-base	49 k

Transaction Summary

```
=====
```

Install	5 Package(s)
Upgrade	0 Package(s)

Total download size: 248 k

Downloading Packages:

```
-----
```

Total	407 kB/s 248 kB	00:00
-------	-------------------	-------

```
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
```

Installing	: c-ares	1/5
Installing	: canl-c	2/5
Installing	: c-ares	3/5
Installing	: canl-c	4/5
Installing	: canl-c-examples	5/5

Installed:

```
canl-c.i386 0:2.0.9-1.e15          canl-c.x86_64 0:2.0.9-1.e15
canl-c-examples.x86_64 0:2.0.9-1.e15
```

Dependency Installed:

```
c-ares.i386 0:1.6.0-5.e15          c-ares.x86_64 0:1.6.0-5.e15
```

Complete!

/tmp/org.gluon.testsuites.ctb/CANL-C/tests

Loaded plugins: downloadonly, kernel-module, priorities, protectbase

Excluding Packages from SL 5 base

Finished

Reducing SL 5 base jdk to included packages only

Finished

Excluding Packages from SL 5 security updates

Finished

Reducing SL 5 security updates jdk only to included packages only

Finished

Full Output of the Installation

CaNIC-partEMI3Update1 < EMI < TWiki

```
390 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Upgrade Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:2.1.1-1.el5 set to be updated
---> Package canl-c-examples.x86_64 0:2.1.1-1.el5 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
Package                Arch            Version          Repository        Size
=====
Updating:
canl-c                  x86_64          2.1.1-1.el5      ETICS-registered-build-234202dc-06 69 k
canl-c-examples         x86_64          2.1.1-1.el5      ETICS-registered-build-234202dc-06 12 k
=====
```

Transaction Summary

```
=====
Install      0 Package(s)
Upgrade      2 Package(s)
=====
```

Total download size: 82 k
Downloading Packages:

```
-----
Total                    53 kB/s | 82 kB    00:01
```

```
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Updating      : canl-c                               1/4
Updating      : canl-c-examples                     2/4
Cleanup       : canl-c                               3/4
Cleanup       : canl-c-examples                     4/4
```

```
Updated:
  canl-c.x86_64 0:2.1.1-1.el5          canl-c-examples.x86_64 0:2.1.1-1.el5
```

Complete!

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```
Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.11.4-3.el5_8.2.x86_64 already installed and latest version
Package lsof-4.78-6.x86_64 already installed and latest version
Package cvs-1.11.22-11.el5_8.1.x86_64 already installed and latest version
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates
```



```

`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====

```

REAL TESTS START HERE

Mar 27 20:11:27 nympha10-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:11:27 nympha10-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:11:27 nympha10-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

[CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:11:38 nympha10-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Major upgrade from production (EMI-2 to EMI-3), Scientific 5 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha5-2.zcu.cz
Duration	0 min
Testbed uptime	20:13:44 up 5 min, 0 users, load average: 1.02, 0.99, 0.49

Production Repo Contents

```
semmsg-plugins-py 1.3.2 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
lcmapi-plugins-basic-ldap 1.5.1 EMI-3-base
glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
glue-validator 1.0.5 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
```

glite-wms-purger 3.5.0 EMI-3-base
 glite-build-common-cpp 3.3.3 EMI-3-base
 glite-lb-yaim 4.5.8 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
 dpm-python 1.8.6 EMI-3-base
 lcg-infosites 3.1.0 EMI-3-base
 argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
 semsg-plugins-lcgdm 1.3.2 EMI-3-base
 glite-wms-brokerinfo-access 3.5.0 EMI-3-base
 glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
 glite-info-plugin-fcr 3.0.5 EMI-3-base
 glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
 emi-voms-mysql 1.1.0 EMI-3-base
 dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
 glite-wms-jobsubmission-devel 3.5.0 EMI-3-base
 glite-wms-configuration 3.5.0 EMI-3-base
 storm-xmlrpc-c-client 1.25.10 EMI-3-base
 voms-admin-server 3.0.0 EMI-3-base
 emi-dpm_disk 1.8.6 EMI-3-base
 glite-lb-types 2.0.5 EMI-3-base
 storm-srm-client 1.6.0 EMI-3-base
 lcas-plugins-basic 1.3.6 EMI-3-base
 dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
 glite-lb-client-devel 6.0.5 EMI-3-base
 lcmaps-globus-interface 1.5.7 EMI-3-base
 emi-nagios 3.0.0 EMI-3-base
 emi.saga-adapter.context-cpp-debuginfo 1.0.2 EMI-3-base
 gridsite-debuginfo 2.0.4 EMI-3-base
 glite-lb-state-machine-devel 2.0.4 EMI-3-base
 lcgdm-tests 1.8.4 EMI-3-base
 glite-px-myproxy-yaim 4.1.12 EMI-3-base
 cleanup-grid-accounts 2.0.1 EMI-3-base
 lcmaps-plugins-voms-debuginfo 1.5.5 EMI-3-base
 glite-wms-core 3.5.0 EMI-3-base
 wnodes_cachemanager 2.0.1 EMI-3-base
 lcgdm-tests-debuginfo 1.8.4 EMI-3-base
 mongo-l0gen-server 2.0.4 EMI-3-third-party
 gfalFS-debuginfo 1.0.1 EMI-3-base
 glite-lb-client-java 2.0.2 EMI-3-base
 globus-gridftp-server-control 2.7 EMI-3-third-party
 storm-xmlrpc-c 1.25.10 EMI-3-base
 dmlite-plugins-mysql 0.4.1 EMI-3-base
 lcmaps-plugins-basic 1.5.1 EMI-3-base
 srm-ifce 1.14.0 EMI-3-base
 voms-oracle-plugin-debuginfo 3.1.15 EMI-3-base
 dcache-srmclient-debuginfo 2.2.4 EMI-3-base
 maui-server 3.3 EMI-3-third-party
 storm-xmlrpc-c-c++ 1.25.10 EMI-3-base
 glite-lbjp-common-server-bones 2.3.6 EMI-3-base
 glite-lb-common-devel 9.0.5 EMI-3-base
 gfal2-python 1.1.0 EMI-3-base
 emi.saga-adapter.isn-cpp-debuginfo 1.0.3 EMI-3-base
 tstorm 2.0.1 EMI-3-base
 wnodes_manager 2.0.3 EMI-3-base
 ees-pepd-oh 0.1.3 EMI-3-base
 emir-serp 1.2.1 EMI-3-base
 sensor-host 1.0.0 EMI-3-base
 nordugrid-arc-ca-utils 3.0.0 EMI-3-base
 apel-ssm 2.0.0 EMI-3-base
 bouncycastle146-javadoc 1.46 EMI-3-base
 dcap 2.47.7 EMI-3-base
 nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
 gridftp-ifce 2.3.0 EMI-3-base
 nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
 globus-gss-assist 8.6 EMI-3-third-party
 wnodes_nameserver 2.0.4 EMI-3-base

```

srm-ifce-debuginfo 1.14.0 EMI-3-base
glite-lbjp-common-log 1.3.6 EMI-3-base
glite-yaim-bdii 4.3.13 EMI-3-base
emi-wms-nagios 3.5.0 EMI-3-base
glite-lbjp-common-maildir 2.3.6 EMI-3-base
glite-lb-client 6.0.5 EMI-3-base
kill-stale-ftp 1.0.1 EMI-3-base
dpm 1.8.6 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
bouncycastle146-mail 1.46 EMI-3-third-party
CGSI-gSOAP 1.3.5 EMI-3-base
emi-wms 3.5.0 EMI-3-base
lcg-expiregridmapdir 3.0.1 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
fts2-devel 2.2.9 EMI-3-base
lcg-tags 0.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
dpm-perl 1.8.6 EMI-3-base
xrootd-client-admin-java 3.2.7 EMI-3-third-party
lcmads-plugins-voms 1.5.5 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
voms-api-java3 3.0.0 EMI-3-base
cx_Oracle 5.0.3 EMI-3-third-party
glite-wms-ui-api-python 3.5.0 EMI-3-base
glue-validator-cron 1.0.2 EMI-3-base
davix-debuginfo 0.0.27 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
nordugrid-arc-acix-index 3.0.0 EMI-3-base
lib64ldap2.4_2 2.4.22 EMI-3-third-party
glite-lb-client-java-debuginfo 2.0.2 EMI-3-base
gfalFS 1.0.1 EMI-3-base
apel-client 1.0.0 EMI-3-base
xacml 1.1.2 EMI-3-base
glite-lb-state-machine-plugins 2.0.4 EMI-3-base
is-interface 1.14.0 EMI-3-base
glite-yaim-clients 5.2.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
emi-trustmanager-axis 2.0.2 EMI-3-third-party
lcmads-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
voms-mysql-plugin 3.1.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
globus-ftp-control-devel 4.4 EMI-3-third-party
xacml-devel 1.1.2 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
emi-storm-gridhttps-mp 1.0.0 EMI-3-base
unicore-nagios-plugins 2.3.2 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
al_grid_env-debuginfo 3.0.2 EMI-3-base
glite-wms-wmproxy-api-cpp-doc 3.5.0 EMI-3-base
emi-emir 1.2.1 EMI-3-base
lcmads-devel 1.5.7 EMI-3-base
wnodes_hypervisor 2.0.5 EMI-3-base
pseudonymity-common 1.1.1 EMI-3-base
bdii 5.2.17 EMI-3-base
pseudonymity-server 1.1.1 EMI-3-base
globus-io-debuginfo 9.3 EMI-3-third-party
emi.amga.amga-server 2.4.0 EMI-3-base
emi-cream-nagios 1.0.1 EMI-3-base

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sts 1.0.0 EMI-3-base
 nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
 lcgdm-oracle-debuginfo 1.8.6 EMI-3-base
 glite-lbjp-common-trio 2.3.8 EMI-3-base
 glite-lb-utils-debuginfo 2.3.6 EMI-3-base
 info-dynamic-scheduler-slurm 1.0.0 EMI-3-base
 nagios-plugins-glexec 0.3.2 EMI-3-base
 edg-mkgridmap 4.0.0 EMI-3-base
 srm-ifce-devel 1.14.0 EMI-3-base
 lcg-util 1.14.0 EMI-3-base
 nordugrid-arc-debuginfo 3.0.0 EMI-3-base
 nordugrid-arc-egiis 3.0.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 unicore-unicorex6 6.0.0 EMI-3-base
 CGSI-gSOAP 1.3.5 EMI-3-base
 glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
 glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
 ees 0.1.4 EMI-3-base
 dpm-dsi-debuginfo 1.8.3 EMI-3-base
 emi.dcache.srm-probes 1.0.0 EMI-3-base
 argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
 storm-xmlrpc-c-client++ 1.25.10 EMI-3-base
 lfc-python26 1.8.6 EMI-3-base
 lcgdm-dav-debuginfo 0.11.0 EMI-3-base
 nagios-plugins-voms 1.0.0 EMI-3-base
 gwt-lib 1.7.1 EMI-3-third-party
 lcgdm-dav 0.11.0 EMI-3-base
 dcap-devel 2.47.7 EMI-3-base
 maven 2.2.1 EMI-3-third-party
 nagios-plugins-fts 1.0.1 EMI-3-base
 nordugrid-arc-gridftpd 3.0.0 EMI-3-base
 dcap-tunnel-telnet 2.47.7 EMI-3-base
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 lcgdm-dav 0.11.0 EMI-3-base
 semsg-lib 1.3.2 EMI-3-base
 gfal-python 1.14.0 EMI-3-base
 emi-slurm-utils 1.0.1 EMI-3-base
 davix-devel 0.0.27 EMI-3-base
 openldap2.4 2.4.22 EMI-3-third-party
 lcg-ManageVOTag 4.0.0 EMI-3-base
 globus-ftp-control-devel 4.4 EMI-3-third-party
 unicore-uvos-server 1.6.0 EMI-3-base
 glite-ce-monitor-client-devel 1.15.1 EMI-3-base
 dpm-lib 1.8.6 EMI-3-base
 CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
 lcmaps-basic-interface 1.5.7 EMI-3-base
 sensor-common 1.0.0 EMI-3-base
 nordugrid-arc-python26 3.0.0 EMI-3-base
 glexec-wrapper-scripts 0.0.7 EMI-3-base
 nagios-plugins-dpm-head 0.9.4 EMI-3-base
 python-simplejson 2.0.9 EMI-3-third-party
 emi-lb-nagios-plugins 1.2.9 EMI-3-base
 dpm-devel 1.8.6 EMI-3-base
 emi.amga.amga-server-debuginfo 2.4.0 EMI-3-base
 lcmaps-plugins-basic-debuginfo 1.5.1 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 dcap-lib 2.47.7 EMI-3-base
 globus-io 9.3 EMI-3-third-party
 glite-lbjp-common-db 3.2.6 EMI-3-base
 nordugrid-arc-python 3.0.0 EMI-3-base
 glite-yaim-torque-server 5.1.0 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 jug 1.1 EMI-3-third-party
 glite-info-provider-ldap 1.4.4 EMI-3-base
 canl-c 2.0.9 EMI-3-base
 is-interface-debuginfo 1.14.0 EMI-3-base
 emi-trustmanager-axis2 1.0.1 EMI-3-third-party

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glite-lb-common-debuginfo 9.0.5 EMI-3-base
maui-client 3.3 EMI-3-third-party
axis1.4 1.4 EMI-3-third-party
unicore-hila-shell 2.4.0 EMI-3-base
emi-trustmanager-test 2.0.2 EMI-3-third-party
nagios-plugins-lcgdm 0.9.4 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
glite-jobid-api-c-devel 2.2.7 EMI-3-base
davix-libs 0.0.27 EMI-3-base
emi-bdii-site 1.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
c-check 0.9.8 EMI-3-third-party
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
glite-wms-utils-exception 3.4.1 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
glite-wms-utils-classad-devel 3.4.1 EMI-3-base
emi-bdii-top 1.0.1 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
semsg-devel 1.3.2 EMI-3-base
gsoap2.7-devel 2.7.6b EMI-3-third-party
emi.saga-adapter.sd-cpp-debuginfo 1.0.4 EMI-3-base
argus-gsi-pep-callout 1.3.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
lcmads-plugins-afs 1.4.0 EMI-3-base
bdii-config-top 1.0.7 EMI-3-base
jclassads 2.4.0 EMI-3-third-party
emi-dpm_mysql 1.8.6 EMI-3-base
semsg 1.3.2 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
lcg-util-devel 1.14.0 EMI-3-base
storm-xmlrpc-c-devel 1.25.10 EMI-3-base
lcgdm-libs 1.8.6 EMI-3-base
glite-ce-wsdl 1.15.1 EMI-3-base
emi.amga.amga-cli 2.4.0 EMI-3-base
glite-yaim-torque-utils 5.1.1 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dcache-srmclient 2.2.4 EMI-3-base
gridftp-ifce-debuginfo 2.3.0 EMI-3-base
glite-wn-info 1.0.3 EMI-3-base
lcg-info 1.12.2 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
canl-c-devel 2.0.9 EMI-3-base
unicore-configurator 1.0.0 EMI-3-base
glite-wms-wmproxy-api-cpp-devel 3.5.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
lcgdm-devel 1.8.6 EMI-3-base
storm-xmlrpc-c-debuginfo 1.25.10 EMI-3-base
globus-gridftp-server-devel 6.16 EMI-3-third-party
ant1.8 1.8.2 EMI-3-third-party
dpm-server-oracle 1.8.6 EMI-3-base
globus-gridftp-server 6.16 EMI-3-third-party
emi-storm-srm-client-mp 1.0.0 EMI-3-base
globus-gridftp-server 6.16 EMI-3-third-party
argus-pepcli-debuginfo 2.2.0 EMI-3-base
glite-info-provider-service 1.12.0 EMI-3-base
lfc-server-oracle 1.8.6 EMI-3-base
voms-devel 2.0.10 EMI-3-base
glite-service-discovery-bdii-c 2.2.0 EMI-3-third-party
globus-io-devel 9.3 EMI-3-third-party
lcgdm-libs 1.8.6 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
lcgdm-debuginfo 1.8.6 EMI-3-base
is-interface-devel 1.14.0 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
lcmads-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base

```

mpi-start 1.5.0 EMI-3-base
maui-devel 3.3 EMI-3-third-party
maui 3.3 EMI-3-third-party
lcmads-without-gsi-devel 1.5.7 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
emi.saga-adapter.sd-cpp 1.0.4 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
glite-ce-monitor-client-api-c 1.15.1 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
gridftp-ifce-devel 2.3.0 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
yaim-argus_server 1.6.0 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
globus-gss-assist-devel 8.6 EMI-3-third-party
lcmads-plugins-verify-proxy 1.5.4 EMI-3-base
glite-ce-cream-client-api-c 1.15.1 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
nagios-plugins-argus 1.1.0 EMI-3-base
glite-jobid-api-java 1.3.4 EMI-3-base
lcmads-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
dpm-name-server-oracle 1.8.6 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
voms-clients3 3.0.0 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
glite-yaim-core 5.1.1 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
gfal2-debuginfo 2.1.0 EMI-3-base
emi-voms-oracle 1.1.0 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-third-party
gfal2-utils-debuginfo 0.0.14 EMI-3-base
lcas-plugins-check-executable 1.2.4 EMI-3-base
glexec-debuginfo 0.9.8 EMI-3-base
emi.saga-adapter.isn-common 1.0.1 EMI-3-base
globus-io-devel 9.3 EMI-3-third-party
lcas-debuginfo 1.3.19 EMI-3-base
al_grid_env 3.0.2 EMI-3-base
glite-lb-client-progs 6.0.5 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
nordugrid-arc-information-index 1.0.6 EMI-3-base
glite-wms-common-devel 3.5.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
emi-version 3.0.0 EMI-3-base
xrootd-debuginfo 3.2.7 EMI-3-third-party
emi-mpi 1.0.2 EMI-3-base
glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
glite-jdl-api-cpp 3.4.1 EMI-3-base
emi-torque-client 1.0.0 EMI-3-base
emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
emi-version-debuginfo 3.0.0 EMI-3-base
globus-gss-assist-devel 8.6 EMI-3-third-party
glite-info-site 0.4.0 EMI-3-base
glite-wms-ui-commands 3.5.0 EMI-3-base
globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
glite-lb-utils 2.3.6 EMI-3-base
glite-jdl-api-java 3.3.1 EMI-3-base
globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
argus-pepcli 2.2.0 EMI-3-base
gfal-doc 1.14.0 EMI-3-base
lcmads-without-gsi 1.5.7 EMI-3-base

condor-lcg 1.2.0 EMI-3-third-party
glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
glite-wms-purger-devel 3.5.0 EMI-3-base
glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
lfc 1.8.6 EMI-3-base
globus-gss-assist 8.6 EMI-3-third-party
sensor-service 1.0.0 EMI-3-base
nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
nordugrid-arc-acix-core 3.0.0 EMI-3-base
glite-wms-core-devel 3.5.0 EMI-3-base
glite-initscript-globus-gridftp 1.0.4 EMI-3-base
glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
voms-api-java3-javadoc 3.0.0 EMI-3-base
emi-argus 1.6.0 EMI-3-base
argus-pep-api-c 2.2.0 EMI-3-base
glite-lb-client-debuginfo 6.0.5 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
semsg-debuginfo 1.3.2 EMI-3-base
nordugrid-arc-acix-cache 3.0.0 EMI-3-base
fts2-client-debuginfo 2.2.9 EMI-3-base
lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
lfc-perl 1.8.6 EMI-3-base
lcas-interface 1.3.19 EMI-3-base
glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
glite-lb-logger-devel 2.4.15 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
canl-java-axis2 0.1.3 EMI-3-base
nordugrid-arc-hed 3.0.0 EMI-3-base
glite-info-static 0.2.0 EMI-3-base
storm-frontend-server 1.8.1 EMI-3-base
lcas-lcmapi-gt4-interface 0.2.6 EMI-3-third-party
nordugrid-arc-compute-element 1.0.6 EMI-3-base
lcgdm-dav-devel 0.11.0 EMI-3-base
glite-wms-jobsubmission-lib 3.5.0 EMI-3-base
nordugrid-arc-java 3.0.0 EMI-3-base
emi-torque-server 1.0.0 EMI-3-base
emi-slurm-client 1.0.1 EMI-3-base
lcg-util-python26 1.14.0 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
emi-px 1.0.2 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
emi-ui 3.0.0 EMI-3-base
glite-ce-monitor-cli 1.15.1 EMI-3-base
storm-globus-gridftp-server 1.2.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
emi-dcache-clients 1.0.0 EMI-3-base
glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
SAGA.lsu-cpp.engine 1.6.0 EMI-3-third-party
glite-lb-harvester 1.3.8 EMI-3-base
mongo-10gen 2.0.4 EMI-3-third-party
glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
gfal-debuginfo 1.14.0 EMI-3-base
globus-io 9.3 EMI-3-third-party
lcgdm-devel 1.8.6 EMI-3-base
glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
dmlite-plugins-librarian 0.4.0 EMI-3-base
glite-lb-logger 2.4.15 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
emi-wn 3.0.0 EMI-3-base
glite-wms-interface 3.5.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
dpm-srm-server-oracle 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
glite-jobid-api-c 2.2.7 EMI-3-base


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condor-emi 7.8.0 EMI-3-third-party
dpm-rfio-server 1.8.6 EMI-3-base
emi.saga-adapter.context-cpp 1.0.2 EMI-3-base
semmsg-plugins-debuginfo 1.3.2 EMI-3-base
glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
globus-ftp-control-doc 4.4 EMI-3-third-party
sensor-run 1.0.0 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
voms-clients 2.0.10 EMI-3-base
openldap2.4-clients 2.4.22 EMI-3-third-party
wnodes_cloud 1.0.0 EMI-3-base
gridftp-ifce 2.3.0 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
glite-lb-state-machine 2.0.4 EMI-3-base
glite-lbjp-common-db-devel 3.2.6 EMI-3-base
gfal 1.14.0 EMI-3-base
glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
voms-oracle-plugin 3.1.15 EMI-3-base
emi-pkgconfig-compatible 1.0.1 EMI-3-third-party
glite-ce-cream-client-devel 1.15.1 EMI-3-base
argus-pep-common 2.3.0 EMI-3-base
glite-yaim-torque-client 5.1.0 EMI-3-base
lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
argus-pap 1.6.0 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
yaim-storm 4.3.0 EMI-3-base
dpm-python26 1.8.6 EMI-3-base
globus-gridftp-server-control-devel 2.7 EMI-3-third-party
glite-wms-wmproxy-api-cpp 3.5.0 EMI-3-base
apr1.4-devel 1.4.2 EMI-3-third-party
glite-ce-cream-cli 1.15.1 EMI-3-base
glite-wms-jobsubmission 3.5.0 EMI-3-base
mkgltmpdir 0.0.3 EMI-3-base
voms-doc 2.0.10 EMI-3-base
argus-pep-api-c-devel 2.2.0 EMI-3-base
lcmads-debuginfo 1.5.7 EMI-3-base
lcg-util-python 1.14.0 EMI-3-base
dcacheVoms2Gplasma 0.0.8 EMI-3-base
voms-mysql-plugin-debuginfo 3.1.6 EMI-3-base
nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
dmlite-plugins-adapter 0.4.1 EMI-3-base
unicore-hila-emi-es 2.4.0 EMI-3-base
nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
glite-wms-utils-exception-devel 3.4.1 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base
glite-yaim-mpi 1.1.12 EMI-3-base
editline 2.9 EMI-3-third-party
argus-pep-server 1.6.0 EMI-3-base
globus-gridftp-server-devel 6.16 EMI-3-third-party
bdii-config-site 1.0.7 EMI-3-base
lcas-plugins-voms 1.3.11 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
lcmads-plugins-afs-debuginfo 1.4.0 EMI-3-base
nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
gfal2-utils 0.0.14 EMI-3-base
activemq 5.4.2 EMI-3-third-party
glite-lb-ws-interface 4.0.4 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
dpm-libs 1.8.6 EMI-3-base

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glite-wms-brokerinfo-access-doc 3.5.0 EMI-3-base
globus-gridftp-server-control 2.7 EMI-3-third-party
lfc-dli 1.8.6 EMI-3-base
argus-pdp 1.6.0 EMI-3-base
emi-maven-common-debuginfo 1.0.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
globus-gss-assist-debuginfo 8.6 EMI-3-third-party
gfal-devel 1.14.0 EMI-3-base
ees-pepd-oh-javadoc 0.1.3 EMI-3-base
lfc-server-mysql 1.8.6 EMI-3-base
globus-gridftp-server-progs 6.16 EMI-3-third-party
voms-debuginfo 2.0.10 EMI-3-base
condor 7.4.2 EMI-3-third-party
lcg-util-devel 1.14.0 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
activemq-cpp-library 3.2.5 EMI-3-third-party
glite-wms-brokerinfo-access-lib 3.5.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
canl-c++ 1.0.0 EMI-3-base
lcmapi-openssl-interface 1.5.7 EMI-3-base
nordugrid-arc-doxxygen 3.0.0 EMI-3-base
dcap-tunnel-ssl 2.47.7 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
voms 2.0.10 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
gridsite 2.0.4 EMI-3-base
gfal-python26 1.14.0 EMI-3-base
lcg-util-libs 1.14.0 EMI-3-base
glexec 0.9.8 EMI-3-base
glite-lb-server 3.0.7 EMI-3-base
glite-wms-brokerinfo-access-devel 3.5.0 EMI-3-base
voms-devel 2.0.10 EMI-3-base
glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
lcg-util-libs 1.14.0 EMI-3-base
semsg-server 1.3.2 EMI-3-base
dmlite-debuginfo 0.4.2 EMI-3-base
glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
nagios-plugins-dpm-disk 0.9.4 EMI-3-base
gridsite-libs 2.0.4 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
fts2-client 2.2.9 EMI-3-base
lcg-pbs-utils 2.0.0 EMI-3-base
globus-gss-assist-doc 8.6 EMI-3-third-party
lcg-pbs-utils-debuginfo 2.0.0 EMI-3-base
glite-px-proxyrenewal 1.3.31 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
lcgdm-dav-devel 0.11.0 EMI-3-base
dpm-yaim 4.2.9 EMI-3-base
glite-wms-utils-classad 3.4.1 EMI-3-base
glite-lb-doc 1.4.11 EMI-3-base
lcmapi-plugins-c-pep 1.2.3 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
storm-xmlrpc-c-apps 1.25.10 EMI-3-base
nordugrid-arc-arj 3.0.0 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
globus-ftp-control-debuginfo 4.4 EMI-3-third-party
apel-server 1.0.0 EMI-3-base
gfal2-python-doc 1.1.0 EMI-3-base
glue-schema 2.0.10 EMI-3-base
lcmapi-plugins-tracking-groupid 0.1.0 EMI-3-base
emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
gridsite-service-clients 2.0.4 EMI-3-base
lcas-devel 1.3.19 EMI-3-base
voms-admin-client 2.0.18 EMI-3-base
emi-torque-utils 2.0.1 EMI-3-base
nagios-plugins-lfc 0.9.4 EMI-3-base

```

dpm-dsi-devel 1.8.3 EMI-3-base
 nordugrid-arc-devel 3.0.0 EMI-3-base
 emi-resource-information-service 1.0.3 EMI-3-base
 emi.saga-adapter.isn-cpp 1.0.3 EMI-3-base
 sensor-api 1.0.0 EMI-3-base
 emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
 delegation-java 3.0.13 EMI-3-base
 glite-jdl-api-java-doc 3.3.1 EMI-3-base
 yaim-glexec-wn 2.3.3 EMI-3-base
 unicore-ucc6 6.0.0 EMI-3-base
 apr-util1.3-devel 1.3.10 EMI-3-third-party
 glite-wms-common 3.5.0 EMI-3-base
 glite-lbjp-common-log-devel 1.3.6 EMI-3-base
 davix-doc 0.0.27 EMI-3-base
 openldap2.4-extra-schemas 1.3 EMI-3-third-party
 glite-lb-server-debuginfo 3.0.7 EMI-3-base
 wnodes_site_specific 2.0.2 EMI-3-base
 storm-pre-assembled-configuration 1.1.0 EMI-3-base
 nordugrid-arc-client-tools 1.0.6 EMI-3-base
 nordugrid-arc-doc 1.3.0 EMI-3-base
 storm-gridhttps-server 2.0.0 EMI-3-base
 nordugrid-arc-misc-utils 3.0.0 EMI-3-base
 emi.amga.amga-cli-debuginfo 2.4.0 EMI-3-base
 dpm-copy-server-oracle 1.8.6 EMI-3-base
 lcgdm-dav-server 0.11.0 EMI-3-base
 gridsite-commands 2.0.4 EMI-3-base
 dcache-server 2.2.4 EMI-3-base
 dcap-tunnel-krb 2.47.7 EMI-3-base
 axis2 1.6.1 EMI-3-third-party
 lcmaps 1.5.7 EMI-3-base
 glite-lb-common 9.0.5 EMI-3-base
 gfal 1.14.0 EMI-3-base
 emi-trustmanager-tomcat 3.0.1 EMI-3-third-party
 glite-jdl-api-cpp-doc 3.4.1 EMI-3-base
 canl-c++-devel 1.0.0 EMI-3-base
 emi-release 3.0.0 EMI-3-base
 bouncycastle146 1.46 EMI-3-base
 dynsched-generic 2.5.1 EMI-3-base
 dcap-debuginfo 2.47.7 EMI-3-base
 storm-backend-server 1.11.0 EMI-3-base
 voms 2.0.10 EMI-3-base
 lcg-util-debuginfo 1.14.0 EMI-3-base
 glite-jdl-api-cpp-devel 3.4.1 EMI-3-base
 glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
 emi-lb 1.0.2 EMI-3-base
 globus-gss-assist-progs 8.6 EMI-3-third-party
 ees-devel 0.1.4 EMI-3-base
 lcas 1.3.19 EMI-3-base
 glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
 dpm-dsi 1.8.3 EMI-3-base
 apel-lib 1.0.0 EMI-3-base
 unicore-uvos-clc 1.7.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 davix 0.0.27 EMI-3-base
 voms-server 2.0.10 EMI-3-base
 glite-info-update-endpoints 2.0.12 EMI-3-base
 lcg-info-dynamic-scheduler-pbs 2.4.1 EMI-3-base
 tstorm-sanity 2.0.1 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 glite-lb-logger-msg 1.2.8 EMI-3-base
 dpm-dsi 1.8.3 EMI-3-base
 mm-mysql 3.1.8 EMI-3-third-party
 gfal2-python-debuginfo 1.1.0 EMI-3-base
 xacml-debuginfo 1.1.2 EMI-3-base
 glite-service-discovery-api-c 2.2.3 EMI-3-third-party
 glexec-wn 1.2.0 EMI-3-base
 glite-lbjp-common-gss 3.2.11 EMI-3-base

CaNIC-partEMI3Update1 < EMI < TWiki

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gridsite-devel 2.0.4 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
glite-wms-ice 3.5.0 EMI-3-base
openldap2.4-servers 2.4.22 EMI-3-third-party
glite-lb-logger-debuginfo 2.4.15 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
```

Test Repo Contents

```
canl-c-devel 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-java 1.2.0 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-doc 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
canl-c-examples 2.1.1 ETICS-registered-build-234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/5/x86_64/epel-release-5-4.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/2/s15/x86_64/base/emi-release-2.0.0-1.s15.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

rpm -Uvh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s15/x86_64/base/emi-release-3.0.0-2.el5.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/234202dc-06a8-4520-bbec-69b7107f4e43-s15_x86_64_gcc412EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/5/x86_64/epel-release-5-4.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: downloadonly, kernel-module
Excluding Packages from SL 5 base
Finished
Reducing SL 5 base jdk to included packages only
Finished
Excluding Packages from SL 5 security updates
Finished
Reducing SL 5 security updates jdk only to included packages only
Finished
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-priorities.noarch 0:1.1.16-21.el5 set to be updated
---> Package yum-protectbase.noarch 0:1.1.16-21.el5 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved
```

```
=====
Package Arch Version Repository Size
=====
Installing:
yum-priorities noarch 1.1.16-21.el5 sl-base 16 k
=====
```

Test Repo Contents

CaNIC-partEMI3Update1 < EMI < TWiki

```
yum-protectbase      noarch      1.1.16-21.el5      sl-base      14 k
```

Transaction Summary

```
=====
Install      2 Package(s)
Upgrade     0 Package(s)
```

```
Total download size: 29 k
Downloading Packages:
```

```
-----
Total                242 kB/s | 29 kB      00:00
```

```
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Installing      : yum-protectbase                        1/2
```

```
Installing      : yum-priorities                        2/2
```

Installed:

```
  yum-priorities.noarch 0:1.1.16-21.el5  yum-protectbase.noarch 0:1.1.16-21.el5
```

Complete!

```
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl5/x86_64/base/emi-release-2.0.0-1.sl5.
```

```
Preparing...      #####
```

```
emi-release      #####
```

```
Loaded plugins: downloadonly, kernel-module, priorities, protectbase
```

```
Excluding Packages from SL 5 base
```

```
Finished
```

```
Reducing SL 5 base jdk to included packages only
```

```
Finished
```

```
Excluding Packages from SL 5 security updates
```

```
Finished
```

```
Reducing SL 5 security updates jdk only to included packages only
```

```
Finished
```

```
379 packages excluded due to repository priority protections
```

```
0 packages excluded due to repository protections
```

```
Setting up Install Process
```

```
Resolving Dependencies
```

```
--> Running transaction check
```

```
---> Package canl-c.x86_64 0:1.0.4-1.el5 set to be updated
```

```
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c
```

```
---> Package canl-c-examples.x86_64 0:1.0.4-1.el5 set to be updated
```

```
--> Running transaction check
```

```
---> Package c-ares.x86_64 0:1.6.0-5.el5 set to be updated
```

```
--> Finished Dependency Resolution
```

```
Beginning Kernel Module Plugin
```

```
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
Package          Arch      Version      Repository      Size
=====
```

Installing:

```
  canl-c          x86_64    1.0.4-1.el5    EMI-2-base      55 k
```

```
  canl-c-examples x86_64    1.0.4-1.el5    EMI-2-base      12 k
```

Installing for dependencies:

```
  c-ares          x86_64    1.6.0-5.el5    sl-base         49 k
```

Transaction Summary

```
=====
Install      3 Package(s)
```

```
Upgrade     0 Package(s)
```

CaNIC-partEMI3Update1 < EMI < TWiki

Total download size: 116 k

Downloading Packages:

Total 311 kB/s | 116 kB 00:00

Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

Installing : c-ares 1/3
Installing : canl-c 2/3
Installing : canl-c-examples 3/3

Installed:

canl-c.x86_64 0:1.0.4-1.e15 canl-c-examples.x86_64 0:1.0.4-1.e15

Dependency Installed:

c-ares.x86_64 0:1.6.0-5.e15

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl5/x86_64/base/emi-release-3.0.0-2.e15.

Preparing... #####
emi-release #####

/tmp/org.glite.testsuites.ctb/CANL-C/tests
Loaded plugins: downloadonly, kernel-module, priorities, protectbase
Excluding Packages from SL 5 base

Finished
Reducing SL 5 base jdk to included packages only
Finished
Excluding Packages from SL 5 security updates
Finished
Reducing SL 5 security updates jdk only to included packages only
Finished

390 packages excluded due to repository priority protections
0 packages excluded due to repository protections

Setting up Upgrade Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:2.1.1-1.e15 set to be updated
---> Package canl-c-examples.x86_64 0:2.1.1-1.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved

```
=====
```

Package	Arch	Version	Repository	Size
Updating:				
canl-c	x86_64	2.1.1-1.e15	ETICS-registered-build-234202dc-06	69 k
canl-c-examples	x86_64	2.1.1-1.e15	ETICS-registered-build-234202dc-06	12 k

```
=====
```

Transaction Summary

Install 0 Package(s)
Upgrade 2 Package(s)

Total download size: 82 k

Downloading Packages:

Total 159 kB/s | 82 kB 00:00

CaNIC-partEMI3Update1 < EMI < TWiki

Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

```
Updating      : canl-c                               1/4
Updating      : canl-c-examples                       2/4
Cleanup       : canl-c                               3/4
Cleanup       : canl-c-examples                       4/4
```

Updated:
canl-c.x86_64 0:2.1.1-1.el5 canl-c-examples.x86_64 0:2.1.1-1.el5

Complete!

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```
Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.11.4-3.el5_8.2.x86_64 already installed and latest version
Package lsof-4.78-6.x86_64 already installed and latest version
Package cvs-1.11.22-11.el5_8.1.x86_64 already installed and latest version
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
```

```

`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:13:22 nympha5-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:13:22 nympha5-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:13:22 nympha5-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]

received: This is a testing message to send server: waiting for connections... [SERVER] connection

established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"

sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

[CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the

testing message to send" sent successfully [CLIENT] received: This is a testing message to send server:

waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client

[SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send **done**
Mar 27 20:13:33 nympha5-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Clean installation, Scientific 6 (i386)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	i386
Host	nympha1-2.zcu.cz
Duration	0 min
Testbed uptime	20:19:34 up 9 min, 0 users, load average: 1.19, 1.04, 0.55

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-devel 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-doc 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-examples 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum install -y --nogpgcheck canl-c canl-c-examples
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
```

CaNIC-partEMI3Update1 < EMI < TWiki

```

Package                               Arch      Version      Repository      Size
=====
Installing:
yum-plugin-priorities                 noarch    1.1.30-14.el6  sl              21 k
yum-plugin-protectbase                noarch    1.1.30-14.el6  sl              19 k

Transaction Summary
=====
Install      2 Package(s)

Total download size: 41 k
Installed size: 50 k
Downloading Packages:
-----
Total                253 kB/s | 41 kB      00:00
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction

   Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
   Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch    2/2
   Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch    1/2
   Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch     2/2

Installed:
  yum-plugin-priorities.noarch 0:1.1.30-14.el6
  yum-plugin-protectbase.noarch 0:1.1.30-14.el6

Complete!
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.
Preparing...
emi-release
/tmp/org.glite.testsuites.ctb/CANL-C/tests
Loaded plugins: priorities, protectbase, security
138 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package canl-c.i386 0:2.1.1-1.el6 will be installed
--> Processing Dependency: libcares.so.2 for package: canl-c-2.1.1-1.el6.i386
--> Package canl-c-examples.i386 0:2.1.1-1.el6 will be installed
--> Running transaction check
--> Package c-ares.i686 0:1.7.0-5.el6 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package          Arch Version      Repository      Size
=====
Installing:
canl-c           i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6
                                                61 k
canl-c-examples i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6
                                                11 k
Installing for dependencies:
c-ares           i686 1.7.0-5.el6 EMI-3-third-party
                                                52 k

Transaction Summary
=====
Install      3 Package(s)

```

CaNIC-partEMI3Update1 < EMI < TWiki

Total download size: 125 k
Installed size: 297 k
Downloading Packages:

Total 208 kB/s | 125 kB 00:00

Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction

```
Installing : c-ares-1.7.0-5.el6.i686 1/3
Installing : canl-c-2.1.1-1.el6.i386 2/3
Installing : canl-c-examples-2.1.1-1.el6.i386 3/3
Verifying  : canl-c-2.1.1-1.el6.i386 1/3
Verifying  : c-ares-1.7.0-5.el6.i686 2/3
Verifying  : canl-c-examples-2.1.1-1.el6.i386 3/3
```

Installed:

```
canl-c.i386 0:2.1.1-1.el6 canl-c-examples.i386 0:2.1.1-1.el6
```

Dependency Installed:

```
c-ares.i686 0:1.7.0-5.el6
```

Complete!

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```
Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
```

```
Package wget-1.12-1.4.el6.i686 already installed and latest version
```

```
Package lsof-4.82-4.el6.i686 already installed and latest version
```

```
Package cvs-1.11.23-11.el6_2.1.i686 already installed and latest version
```

```
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
```

```

/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> /etc/grid-security/
/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> /etc/grid-security/
/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> /etc/grid-security/
/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> /etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:19:14 nympha1-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:19:14 nympha1-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:19:14 nympha1-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:19:26 nympha1-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:19:26 nympha1-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**

Mar 27 20:19:26 nympha1-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:19:26 nymphal2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**

Mar 27 20:19:27 nymphal2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Minor upgrade from production (EMI-3), Scientific 6 (i386)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	i386
Host	nymphal2.zcu.cz
Duration	1 min
Testbed uptime	20:20:27 up 10 min, 0 users, load average: 0.93, 1.04, 0.60

Production Repo Contents

```
CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
al_grid_env 3.0.2 EMI-3-base
al_grid_env-debuginfo 3.0.2 EMI-3-base
activemq-cpp-library 3.2.5 EMI-3-third-party
activemq-cpp-library-debuginfo 3.2.5 EMI-3-third-party
apel-client 1.0.0 EMI-3-base
apel-lib 1.0.0 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
apel-server 1.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
argus-gsi-pep-callout 1.3.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
argus-pap 1.6.0 EMI-3-base
argus-pdp 1.6.0 EMI-3-base
argus-pdp-debuginfo 1.6.0 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
argus-pdp-pep-common-debuginfo 1.4.0 EMI-3-base
argus-pep-api-c 2.2.0 EMI-3-base
argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
argus-pep-api-c-devel 2.2.0 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
argus-pep-api-java-debuginfo 2.2.0 EMI-3-base
argus-pep-common 2.3.0 EMI-3-base
argus-pep-common-debuginfo 2.3.0 EMI-3-base
argus-pep-server 1.6.0 EMI-3-base
argus-pep-server-debuginfo 1.6.0 EMI-3-base
```

axis1.4 1.4 EMI-3-third-party
bouncycastle-mail 1.46 EMI-3-third-party
canl-c++ 1.0.0 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
canl-c++-devel 1.0.0 EMI-3-base
canl-java 1.1.0 EMI-3-base
canl-java-axis2 0.1.3 EMI-3-base
canl-java-javadoc 1.1.0 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base
dcap 2.47.7 EMI-3-base
dcap-debuginfo 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
dcap-tunnel-krb 2.47.7 EMI-3-base
dcap-tunnel-ssl 2.47.7 EMI-3-base
dcap-tunnel-telnet 2.47.7 EMI-3-base
delegation-java 3.0.13 EMI-3-base
dmlite-debuginfo 0.4.2 EMI-3-base
dmlite-devel 0.4.2 EMI-3-base
dmlite-docs 0.4.2 EMI-3-base
dmlite-libs 0.4.2 EMI-3-base
dmlite-plugins-adapter 0.4.1 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-librarian 0.4.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-profiler 0.4.0 EMI-3-base
dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
dpm 1.8.6 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
dpm-perl 1.8.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
dpm-rfio-server 1.8.6 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
dpm-xrootd 3.1.1 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dpm-xrootd-devel 3.1.1 EMI-3-base
dpm-yaim 4.2.9 EMI-3-base
edg-mkgridmap 4.0.0 EMI-3-base
ees 0.1.4 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
ees-devel 0.1.4 EMI-3-base
emi-argus 1.6.0 EMI-3-base
emi-argus-debuginfo 1.6.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
emi-dpm_mysql 1.8.6 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
emi-emir 1.2.1 EMI-3-base
emi-lb 1.0.2 EMI-3-base
emi-lb-nagios-plugins 1.2.9 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base

emi-maven-common-debuginfo 1.0.0 EMI-3-base
 emi-mpi 1.0.2 EMI-3-base
 emi-nagios 3.0.0 EMI-3-base
 emi-nagios-debuginfo 3.0.0 EMI-3-base
 emi-px 1.0.2 EMI-3-base
 emi-release 3.0.0 EMI-3-base
 emi-storm-backend-mp 1.2.0 EMI-3-base
 emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
 emi-storm-frontend-mp 1.1.0 EMI-3-base
 emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
 emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
 emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
 emi-storm-gridhttps-mp 1.0.0 EMI-3-base
 emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
 emi-storm-srm-client-mp 1.0.0 EMI-3-base
 emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
 emi-trustmanager 3.1.4 EMI-3-base
 emi-trustmanager-axis 2.0.2 EMI-3-base
 emi-trustmanager-tomcat 3.0.1 EMI-3-base
 emi-ui 3.0.0 EMI-3-base
 emi-version 3.0.0 EMI-3-base
 emi-version-debuginfo 3.0.0 EMI-3-base
 emi-wn 3.0.0 EMI-3-base
 emir-serp 1.2.1 EMI-3-base
 fts-monitoring 0.0.1 EMI-3-base
 fts-mysql 0.0.1 EMI-3-base
 fts-mysql-devel 0.0.1 EMI-3-base
 fts-oracle 0.0.1 EMI-3-base
 fts-oracle-devel 0.0.1 EMI-3-base
 fts2-client 2.2.9 EMI-3-base
 fts2-client-debuginfo 2.2.9 EMI-3-base
 fts2-devel 2.2.9 EMI-3-base
 gfal 1.14.0 EMI-3-base
 gfal-debuginfo 1.14.0 EMI-3-base
 gfal-devel 1.14.0 EMI-3-base
 gfal-doc 1.14.0 EMI-3-base
 gfal-python 1.14.0 EMI-3-base
 gfal2 2.1.0 EMI-3-base
 gfal2-all 2.1.0 EMI-3-base
 gfal2-core 2.1.0 EMI-3-base
 gfal2-debuginfo 2.1.0 EMI-3-base
 gfal2-devel 2.1.0 EMI-3-base
 gfal2-doc 2.1.0 EMI-3-base
 gfal2-plugin-dcap 2.1.0 EMI-3-base
 gfal2-plugin-gridftp 2.1.0 EMI-3-base
 gfal2-plugin-lfc 2.1.0 EMI-3-base
 gfal2-plugin-rfio 2.1.0 EMI-3-base
 gfal2-plugin-srm 2.1.0 EMI-3-base
 gfal2-python 1.1.0 EMI-3-base
 gfal2-python-debuginfo 1.1.0 EMI-3-base
 gfal2-python-doc 1.1.0 EMI-3-base
 gfal2-transfer 2.1.0 EMI-3-base
 gfal2-utils 0.0.14 EMI-3-base
 gfal2-utils-debuginfo 0.0.14 EMI-3-base
 gfalFS 1.0.1 EMI-3-base
 gfalFS-debuginfo 1.0.1 EMI-3-base
 glexec 0.9.8 EMI-3-base
 glexec-debuginfo 0.9.8 EMI-3-base
 glexec-wn 1.2.0 EMI-3-base
 glexec-wrapper-scripts 0.0.7 EMI-3-base
 glite-initscript-globus-gridftp 1.0.4 EMI-3-base
 glite-jobid-api-c 2.2.7 EMI-3-base
 glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
 glite-jobid-api-c-devel 2.2.7 EMI-3-base
 glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
 glite-jobid-api-java 1.3.4 EMI-3-base
 glite-jobid-api-java-javadoc 1.3.4 EMI-3-base

glite-lb-client 6.0.5 EMI-3-base
glite-lb-client-debuginfo 6.0.5 EMI-3-base
glite-lb-client-devel 6.0.5 EMI-3-base
glite-lb-client-progs 6.0.5 EMI-3-base
glite-lb-common 9.0.5 EMI-3-base
glite-lb-common-debuginfo 9.0.5 EMI-3-base
glite-lb-common-devel 9.0.5 EMI-3-base
glite-lb-doc 1.4.11 EMI-3-base
glite-lb-harvester 1.3.8 EMI-3-base
glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
glite-lb-logger 2.4.15 EMI-3-base
glite-lb-logger-debuginfo 2.4.15 EMI-3-base
glite-lb-logger-devel 2.4.15 EMI-3-base
glite-lb-logger-msg 1.2.8 EMI-3-base
glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
glite-lb-server 3.0.7 EMI-3-base
glite-lb-server-debuginfo 3.0.7 EMI-3-base
glite-lb-state-machine 2.0.4 EMI-3-base
glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
glite-lb-state-machine-devel 2.0.4 EMI-3-base
glite-lb-state-machine-plugins 2.0.4 EMI-3-base
glite-lb-types 2.0.5 EMI-3-base
glite-lb-utils 2.3.6 EMI-3-base
glite-lb-utils-debuginfo 2.3.6 EMI-3-base
glite-lb-ws-interface 4.0.4 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
glite-lb-yaim 4.5.8 EMI-3-base
glite-lbjp-common-db 3.2.6 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
glite-lbjp-common-db-devel 3.2.6 EMI-3-base
glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
glite-lbjp-common-gss 3.2.11 EMI-3-base
glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
glite-lbjp-common-log 1.3.6 EMI-3-base
glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
glite-lbjp-common-log-devel 1.3.6 EMI-3-base
glite-lbjp-common-maildir 2.3.6 EMI-3-base
glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
glite-lbjp-common-server-bones 2.3.6 EMI-3-base
glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
glite-lbjp-common-trio 2.3.8 EMI-3-base
glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
glite-px-myproxy-yaim 4.1.12 EMI-3-base
glite-px-proxyrenewal 1.3.31 EMI-3-base
glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
glite-wn-info 1.0.3 EMI-3-base
glite-yaim-clients 5.2.0 EMI-3-base
glite-yaim-core 5.1.1 EMI-3-base
glite-yaim-mpi 1.1.12 EMI-3-base
globus-ftp-control 4.4 EMI-3-third-party
globus-ftp-control-debuginfo 4.4 EMI-3-third-party
globus-ftp-control-devel 4.4 EMI-3-third-party
globus-ftp-control-doc 4.4 EMI-3-third-party
globus-gridftp-server 6.16 EMI-3-third-party

globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-progs 6.16 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist-debuginfo 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-doc 8.6 EMI-3-third-party
 globus-gss-assist-progs 8.6 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io-debuginfo 9.3 EMI-3-third-party
 globus-io-devel 9.3 EMI-3-third-party
 gridftp-ifce 2.3.0 EMI-3-base
 gridftp-ifce-debuginfo 2.3.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 gridsite 2.0.4 EMI-3-base
 gridsite-commands 2.0.4 EMI-3-base
 gridsite-debuginfo 2.0.4 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-service-clients 2.0.4 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface-debuginfo 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 lcas 1.3.19 EMI-3-base
 lcas-debuginfo 1.3.19 EMI-3-base
 lcas-devel 1.3.19 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 lcas-lcmapi-gt4-interface 0.2.1 EMI-3-third-party
 lcas-lcmapi-gt4-interface 0.2.6 EMI-3-third-party
 lcas-plugins-basic 1.3.6 EMI-3-base
 lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
 lcas-plugins-check-executable 1.2.4 EMI-3-base
 lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
 lcas-plugins-voms 1.3.11 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lcg-ManageVOTag 4.0.0 EMI-3-base
 lcg-expiregridmapdir 3.0.1 EMI-3-base
 lcg-tags 0.4.0 EMI-3-base
 lcg-util 1.14.0 EMI-3-base
 lcg-util-debuginfo 1.14.0 EMI-3-base
 lcg-util-devel 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 lcg-util-python 1.14.0 EMI-3-base
 lcgdm-dav 0.11.0 EMI-3-base
 lcgdm-dav-debuginfo 0.11.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 lcgdm-dav-server 0.11.0 EMI-3-base
 lcgdm-debuginfo 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-tests 1.8.4 EMI-3-base
 lcgdm-tests-debuginfo 1.8.4 EMI-3-base
 lcmapi 1.5.7 EMI-3-base
 lcmapi-basic-interface 1.5.7 EMI-3-base
 lcmapi-debuginfo 1.5.7 EMI-3-base
 lcmapi-devel 1.5.7 EMI-3-base
 lcmapi-globus-interface 1.5.7 EMI-3-base
 lcmapi-openssl-interface 1.5.7 EMI-3-base
 lcmapi-plugins-afs 1.4.0 EMI-3-base
 lcmapi-plugins-afs-debuginfo 1.4.0 EMI-3-base
 lcmapi-plugins-basic 1.5.1 EMI-3-base
 lcmapi-plugins-basic-debuginfo 1.5.1 EMI-3-base
 lcmapi-plugins-basic-ldap 1.5.1 EMI-3-base

lcmaps-plugins-c-pep 1.2.3 EMI-3-base
lcmaps-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
lcmaps-plugins-tracking-groupid 0.1.0 EMI-3-base
lcmaps-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
lcmaps-plugins-verify-proxy 1.5.4 EMI-3-base
lcmaps-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
lcmaps-plugins-voms 1.5.5 EMI-3-base
lcmaps-plugins-voms-debuginfo 1.5.5 EMI-3-base
lcmaps-without-gsi 1.5.7 EMI-3-base
lcmaps-without-gsi-devel 1.5.7 EMI-3-base
lfc 1.8.6 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
lfc-dli 1.8.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
lfc-perl 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
lfc-server-mysql 1.8.6 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
maui 3.3 EMI-3-third-party
maui-client 3.3 EMI-3-third-party
maui-debuginfo 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-server 3.3 EMI-3-third-party
maven 2.2.1 EMI-3-third-party
mkgltmpdir 0.0.3 EMI-3-base
mpi-start 1.5.0 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
nagios-plugins-argus 1.1.0 EMI-3-base
nagios-plugins-argus-debuginfo 1.1.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
nagios-plugins-dpm-disk 0.9.4 EMI-3-base
nagios-plugins-dpm-head 0.9.4 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
nagios-plugins-fts 1.0.1 EMI-3-base
nagios-plugins-glexec 0.3.2 EMI-3-base
nagios-plugins-lcgdm 0.9.4 EMI-3-base
nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
nagios-plugins-lfc 0.9.4 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc-acix-cache 3.0.0 EMI-3-base
nordugrid-arc-acix-core 3.0.0 EMI-3-base
nordugrid-arc-acix-index 3.0.0 EMI-3-base
nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
nordugrid-arc-arj 3.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
nordugrid-arc-client-tools 1.0.6 EMI-3-base
nordugrid-arc-compute-element 1.0.6 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
nordugrid-arc-debuginfo 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-doc 1.3.0 EMI-3-base
nordugrid-arc-doxygen 3.0.0 EMI-3-base
nordugrid-arc-egiis 3.0.0 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base
nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
nordugrid-arc-hed 3.0.0 EMI-3-base
nordugrid-arc-information-index 1.0.6 EMI-3-base
nordugrid-arc-java 3.0.0 EMI-3-base
nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
nordugrid-arc-misc-utils 3.0.0 EMI-3-base
nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base

nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
nordugrid-arc-python 3.0.0 EMI-3-base
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
pseudonymity-common 1.1.1 EMI-3-base
pseudonymity-server 1.1.1 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
semsg 1.3.2 EMI-3-base
semsg-debuginfo 1.3.2 EMI-3-base
semsg-devel 1.3.2 EMI-3-base
semsg-libs 1.3.2 EMI-3-base
semsg-plugins-debuginfo 1.3.2 EMI-3-base
semsg-plugins-lcgdm 1.3.2 EMI-3-base
semsg-plugins-py 1.3.2 EMI-3-base
semsg-server 1.3.2 EMI-3-base
sensor-api 1.0.0 EMI-3-base
sensor-common 1.0.0 EMI-3-base
sensor-host 1.0.0 EMI-3-base
sensor-run 1.0.0 EMI-3-base
sensor-service 1.0.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
storm-gridhttps-server 2.0.0 EMI-3-base
storm-pre-assembled-configuration 1.1.0 EMI-3-base
sts 1.0.0 EMI-3-base
tstorm 2.0.1 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
unicore-hila-emi-es 2.4.0 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
unicore-hila-shell 2.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
unicore-ucc6 6.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
unicore-uvos-server 1.6.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
voms 2.0.10 EMI-3-base
voms-clients 2.0.10 EMI-3-base
voms-debuginfo 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-doc 2.0.10 EMI-3-base
voms-server 2.0.10 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
wnodes_nameserver 2.0.4 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
xacml 1.1.2 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
xacml-devel 1.1.2 EMI-3-base
xrootd 3.2.7 EMI-3-third-party
xrootd-client 3.2.7 EMI-3-third-party
xrootd-client-admin-java 3.2.7 EMI-3-third-party
xrootd-debuginfo 3.2.7 EMI-3-third-party

CaNIC-partEMI3Update1 < EMI < TWiki

```
xrootd-devel 3.2.7 EMI-3-third-party
xrootd-fuse 3.2.7 EMI-3-third-party
xrootd-libs 3.2.7 EMI-3-third-party
yaim-argus_server 1.6.0 EMI-3-base
yaim-argus_server-debuginfo 1.6.0 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
yaim-storm 4.3.0 EMI-3-base
```

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-devel 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-doc 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-examples 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                Arch      Version           Repository        Size
=====
Installing:
yum-plugin-priorities  noarch   1.1.30-14.el6    sl                21 k
yum-plugin-protectbase noarch   1.1.30-14.el6    sl                19 k
=====
```

Transaction Summary

```
=====
Install      2 Package(s)
```

Total download size: 41 k

Installed size: 50 k

Downloading Packages:

```
-----
Total                               308 kB/s | 41 kB    00:00
Running rpm_check_debug
```

Test Repo Contents

CaNIC-partEMI3Update1 < EMI < TWiki

Running Transaction Test
 Transaction Test Succeeded
 Running Transaction

```

Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch   2/2
Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch   1/2
Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch   2/2
  
```

Installed:
 yum-plugin-priorities.noarch 0:1.1.30-14.el6
 yum-plugin-protectbase.noarch 0:1.1.30-14.el6

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.

```

Preparing...          #####
emi-release           #####
  
```

Loaded plugins: priorities, protectbase, security
 133 packages excluded due to repository priority protections
 0 packages excluded due to repository protections

Setting up Install Process

Resolving Dependencies

```

--> Running transaction check
---> Package canl-c.i386 0:2.0.9-1.el6 will be installed
--> Processing Dependency: libcares.so.2 for package: canl-c-2.0.9-1.el6.i386
---> Package canl-c-examples.i386 0:2.0.9-1.el6 will be installed
--> Running transaction check
---> Package c-ares.i686 0:1.7.0-5.el6 will be installed
--> Finished Dependency Resolution
  
```

Dependencies Resolved

```

=====
Package            Arch      Version           Repository        Size
=====
Installing:
canl-c              i386     2.0.9-1.el6      EMI-3-base        62 k
canl-c-examples    i386     2.0.9-1.el6      EMI-3-base        11 k
Installing for dependencies:
c-ares              i686     1.7.0-5.el6      EMI-3-third-party 52 k
  
```

Transaction Summary

```

=====
Install           3 Package(s)
  
```

Total download size: 125 k
 Installed size: 297 k
 Downloading Packages:

```

-----
Total                                     355 kB/s | 125 kB      00:00
  
```

Running rpm_check_debug
 Running Transaction Test
 Transaction Test Succeeded
 Running Transaction

```

Installing : c-ares-1.7.0-5.el6.i686      1/3
Installing : canl-c-2.0.9-1.el6.i386     2/3
Installing : canl-c-examples-2.0.9-1.el6.i386 3/3
Verifying  : canl-c-2.0.9-1.el6.i386     1/3
Verifying  : c-ares-1.7.0-5.el6.i686     2/3
  
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
Verifying   : canl-c-examples-2.0.9-1.el6.i386                               3/3

Installed:
  canl-c.i386 0:2.0.9-1.el6           canl-c-examples.i386 0:2.0.9-1.el6

Dependency Installed:
  c-ares.i686 0:1.7.0-5.el6

Complete!
/tmp/org.glite.testsuites.ctb/CANL-C/tests
Loaded plugins: priorities, protectbase, security
138 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Upgrade Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.i386 0:2.0.9-1.el6 will be updated
---> Package canl-c.i386 0:2.1.1-1.el6 will be an update
---> Package canl-c-examples.i386 0:2.0.9-1.el6 will be updated
---> Package canl-c-examples.i386 0:2.1.1-1.el6 will be an update
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package          Arch Version      Repository                                           Size
=====
Updating:
  canl-c          i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-s16 61 k
  canl-c-examples i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-s16 11 k

Transaction Summary
=====
Upgrade      2 Package(s)

Total download size: 72 k
Downloading Packages:
-----
Total                244 kB/s | 72 kB    00:00
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction

  Updating   : canl-c-2.1.1-1.el6.i386                               1/4
  Updating   : canl-c-examples-2.1.1-1.el6.i386                     2/4
  Cleanup    : canl-c-examples-2.0.9-1.el6.i386                     3/4
  Cleanup    : canl-c-2.0.9-1.el6.i386                               4/4
  Verifying  : canl-c-2.1.1-1.el6.i386                               1/4
  Verifying  : canl-c-examples-2.1.1-1.el6.i386                     2/4
  Verifying  : canl-c-2.0.9-1.el6.i386                               3/4
  Verifying  : canl-c-examples-2.0.9-1.el6.i386                     4/4

Updated:
  canl-c.i386 0:2.1.1-1.el6           canl-c-examples.i386 0:2.1.1-1.el6

Complete!
```

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

```

Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.12-1.4.el6.i686 already installed and latest version
Package lsof-4.82-4.el6.i686 already installed and latest version
Package cvs-1.11.23-11.el6_2.1.i686 already installed and latest version
~/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> ~/etc/grid-security/
~/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> ~/etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> ~/etc/grid-security/cert
~/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> ~/etc/grid-security/certificates
~/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> ~/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh

```

```

=====
REAL TESTS START HERE
=====

```

Mar 27 20:20:07 nympa12-2.zcu.cz canl-test-cert-handle.sh: **start**
Testing if binary of canl_proxy_init is available **done**

```

Testing if all binaries are available done
Generating new proxy certificate done
Simulating cert. delegation done
Mar 27 20:20:07 nymph12-2.zcu.cz canl-test-cert-handle.sh: end
Mar 27 20:20:07 nymph12-2.zcu.cz canl-test-cs-openssl.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
Starting openssl server done
CANL client: connecting to openssl server This is the testing message to send? done
Starting canl sample server done
Openssl client: connect to CANL sample server This is a testing message to send? done
Mar 27 20:20:18 nymph12-2.zcu.cz canl-test-cs-openssl.sh: end
Mar 27 20:20:19 nymph12-2.zcu.cz canl-test-sec-connection.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
Testing server with nonexisting host certificates done
Testing server with nonexisting host key done
Testing server with nonexisting host cert and key done
Testing client: connect to server not running done
Testing client: use nonexisting proxy certificate done
Starting canl sample server done
CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send
sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]
received: This is a testing message to send server: waiting for connections... [SERVER] connection
established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"
sent successfully [SERVER] received: This is the testing message to send Mar 27 20:20:19
nymph12-2.zcu.cz canl-test-sec-connection.sh: end
Mar 27 20:20:19 nymph12-2.zcu.cz canl-test-sha2.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
done
Starting canl sample server done
server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the
client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is
the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server
[CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a
testing message to send done
Mar 27 20:20:19 nymph12-2.zcu.cz canl-test-sha2.sh: end

```

```

=====
TESTS END HERE
=====

```

Major upgrade from production (EMI-2 to EMI-3), Scientific 6 (i386)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	i386

Host	nympha6-2.zcu.cz
Duration	1 min
Testbed uptime	20:32:07 up 11 min, 0 users, load average: 0.92, 1.02, 0.60

Production Repo Contents

CGSI-gSOAP 1.3.5 EMI-3-base
 CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
 CGSI-gSOAP-devel 1.3.5 EMI-3-base
 a1_grid_env 3.0.2 EMI-3-base
 a1_grid_env-debuginfo 3.0.2 EMI-3-base
 activemq-cpp-library 3.2.5 EMI-3-third-party
 activemq-cpp-library-debuginfo 3.2.5 EMI-3-third-party
 apel-client 1.0.0 EMI-3-base
 apel-lib 1.0.0 EMI-3-base
 apel-parsers 1.0.0 EMI-3-base
 apel-server 1.0.0 EMI-3-base
 apel-ssm 2.0.0 EMI-3-base
 argus-gsi-pep-callout 1.3.0 EMI-3-base
 argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
 argus-pap 1.6.0 EMI-3-base
 argus-pdp 1.6.0 EMI-3-base
 argus-pdp-debuginfo 1.6.0 EMI-3-base
 argus-pdp-pep-common 1.4.0 EMI-3-base
 argus-pdp-pep-common-debuginfo 1.4.0 EMI-3-base
 argus-pep-api-c 2.2.0 EMI-3-base
 argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
 argus-pep-api-c-devel 2.2.0 EMI-3-base
 argus-pep-api-java 2.2.0 EMI-3-base
 argus-pep-api-java-debuginfo 2.2.0 EMI-3-base
 argus-pep-common 2.3.0 EMI-3-base
 argus-pep-common-debuginfo 2.3.0 EMI-3-base
 argus-pep-server 1.6.0 EMI-3-base
 argus-pep-server-debuginfo 1.6.0 EMI-3-base
 axis1.4 1.4 EMI-3-third-party
 bouncycastle-mail 1.46 EMI-3-third-party
 canl-c++ 1.0.0 EMI-3-base
 canl-c++-debuginfo 1.0.0 EMI-3-base
 canl-c++-devel 1.0.0 EMI-3-base
 canl-java 1.1.0 EMI-3-base
 canl-java-axis2 0.1.3 EMI-3-base
 canl-java-javadoc 1.1.0 EMI-3-base
 canl-java-tomcat 0.1.12 EMI-3-base
 cleanup-grid-accounts 2.0.1 EMI-3-base
 dcap 2.47.7 EMI-3-base
 dcap-debuginfo 2.47.7 EMI-3-base
 dcap-devel 2.47.7 EMI-3-base
 dcap-libs 2.47.7 EMI-3-base
 dcap-tunnel-gsi 2.47.7 EMI-3-base
 dcap-tunnel-krb 2.47.7 EMI-3-base
 dcap-tunnel-ssl 2.47.7 EMI-3-base
 dcap-tunnel-telnet 2.47.7 EMI-3-base
 delegation-java 3.0.13 EMI-3-base
 dmlite-debuginfo 0.4.2 EMI-3-base
 dmlite-devel 0.4.2 EMI-3-base
 dmlite-docs 0.4.2 EMI-3-base
 dmlite-libs 0.4.2 EMI-3-base
 dmlite-plugins-adapter 0.4.1 EMI-3-base
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 dmlite-plugins-oracle 0.4.0 EMI-3-base
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dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
dpm 1.8.6 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
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dpm-dsi-devel 1.8.3 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
dpm-perl 1.8.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
dpm-rfio-server 1.8.6 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
dpm-xrootd 3.1.1 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dpm-xrootd-devel 3.1.1 EMI-3-base
dpm-yaim 4.2.9 EMI-3-base
edg-mkgridmap 4.0.0 EMI-3-base
ees 0.1.4 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
ees-devel 0.1.4 EMI-3-base
emi-argus 1.6.0 EMI-3-base
emi-argus-debuginfo 1.6.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
emi-dpm_mysql 1.8.6 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
emi-emir 1.2.1 EMI-3-base
emi-lb 1.0.2 EMI-3-base
emi-lb-nagios-plugins 1.2.9 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base
emi-maven-common-debuginfo 1.0.0 EMI-3-base
emi-mpi 1.0.2 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
emi-px 1.0.2 EMI-3-base
emi-release 3.0.0 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
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emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
emi-storm-srm-client-mp 1.0.0 EMI-3-base
emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-base
emi-trustmanager-axis 2.0.2 EMI-3-base
emi-trustmanager-tomcat 3.0.1 EMI-3-base
emi-ui 3.0.0 EMI-3-base
emi-version 3.0.0 EMI-3-base
emi-version-debuginfo 3.0.0 EMI-3-base
emi-wn 3.0.0 EMI-3-base
emir-serp 1.2.1 EMI-3-base
fts-monitoring 0.0.1 EMI-3-base
fts-mysql 0.0.1 EMI-3-base
fts-mysql-devel 0.0.1 EMI-3-base
fts-oracle 0.0.1 EMI-3-base
fts-oracle-devel 0.0.1 EMI-3-base
fts2-client 2.2.9 EMI-3-base
fts2-client-debuginfo 2.2.9 EMI-3-base

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fts2-devel 2.2.9 EMI-3-base
gfal 1.14.0 EMI-3-base
gfal-debuginfo 1.14.0 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
gfal-doc 1.14.0 EMI-3-base
gfal-python 1.14.0 EMI-3-base
gfal2 2.1.0 EMI-3-base
gfal2-all 2.1.0 EMI-3-base
gfal2-core 2.1.0 EMI-3-base
gfal2-debuginfo 2.1.0 EMI-3-base
gfal2-devel 2.1.0 EMI-3-base
gfal2-doc 2.1.0 EMI-3-base
gfal2-plugin-dcap 2.1.0 EMI-3-base
gfal2-plugin-gridftp 2.1.0 EMI-3-base
gfal2-plugin-lfc 2.1.0 EMI-3-base
gfal2-plugin-rfio 2.1.0 EMI-3-base
gfal2-plugin-srm 2.1.0 EMI-3-base
gfal2-python 1.1.0 EMI-3-base
gfal2-python-debuginfo 1.1.0 EMI-3-base
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gfal2-transfer 2.1.0 EMI-3-base
gfal2-utils 0.0.14 EMI-3-base
gfal2-utils-debuginfo 0.0.14 EMI-3-base
gfalFS 1.0.1 EMI-3-base
gfalFS-debuginfo 1.0.1 EMI-3-base
glexec 0.9.8 EMI-3-base
glexec-debuginfo 0.9.8 EMI-3-base
glexec-wn 1.2.0 EMI-3-base
glexec-wrapper-scripts 0.0.7 EMI-3-base
glite-initscript-globus-gridftp 1.0.4 EMI-3-base
glite-jobid-api-c 2.2.7 EMI-3-base
glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
glite-jobid-api-c-devel 2.2.7 EMI-3-base
glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
glite-jobid-api-java 1.3.4 EMI-3-base
glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
glite-lb-client 6.0.5 EMI-3-base
glite-lb-client-debuginfo 6.0.5 EMI-3-base
glite-lb-client-devel 6.0.5 EMI-3-base
glite-lb-client-progs 6.0.5 EMI-3-base
glite-lb-common 9.0.5 EMI-3-base
glite-lb-common-debuginfo 9.0.5 EMI-3-base
glite-lb-common-devel 9.0.5 EMI-3-base
glite-lb-doc 1.4.11 EMI-3-base
glite-lb-harvester 1.3.8 EMI-3-base
glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
glite-lb-logger 2.4.15 EMI-3-base
glite-lb-logger-debuginfo 2.4.15 EMI-3-base
glite-lb-logger-devel 2.4.15 EMI-3-base
glite-lb-logger-msg 1.2.8 EMI-3-base
glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
glite-lb-server 3.0.7 EMI-3-base
glite-lb-server-debuginfo 3.0.7 EMI-3-base
glite-lb-state-machine 2.0.4 EMI-3-base
glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
glite-lb-state-machine-devel 2.0.4 EMI-3-base
glite-lb-state-machine-plugins 2.0.4 EMI-3-base
glite-lb-types 2.0.5 EMI-3-base
glite-lb-utils 2.3.6 EMI-3-base
glite-lb-utils-debuginfo 2.3.6 EMI-3-base
glite-lb-ws-interface 4.0.4 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
glite-lb-yaim 4.5.8 EMI-3-base
glite-lbjp-common-db 3.2.6 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
glite-lbjp-common-db-devel 3.2.6 EMI-3-base

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glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
 glite-lbjp-common-gss 3.2.11 EMI-3-base
 glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
 glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
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 glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
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 glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
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 glite-lbjp-common-maildir 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
 glite-lbjp-common-trio 2.3.8 EMI-3-base
 glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
 glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
 glite-px-myproxy-yaim 4.1.12 EMI-3-base
 glite-px-proxyrenewal 1.3.31 EMI-3-base
 glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
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 glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
 glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
 glite-wn-info 1.0.3 EMI-3-base
 glite-yaim-clients 5.2.0 EMI-3-base
 glite-yaim-core 5.1.1 EMI-3-base
 glite-yaim-mpi 1.1.12 EMI-3-base
 globus-ftp-control 4.4 EMI-3-third-party
 globus-ftp-control-debuginfo 4.4 EMI-3-third-party
 globus-ftp-control-devel 4.4 EMI-3-third-party
 globus-ftp-control-doc 4.4 EMI-3-third-party
 globus-gridftp-server 6.16 EMI-3-third-party
 globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-progs 6.16 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist-debuginfo 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-doc 8.6 EMI-3-third-party
 globus-gss-assist-progs 8.6 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io-debuginfo 9.3 EMI-3-third-party
 globus-io-devel 9.3 EMI-3-third-party
 gridftp-ifce 2.3.0 EMI-3-base
 gridftp-ifce-debuginfo 2.3.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 gridsite 2.0.4 EMI-3-base
 gridsite-commands 2.0.4 EMI-3-base
 gridsite-debuginfo 2.0.4 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-service-clients 2.0.4 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface-debuginfo 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 lcas 1.3.19 EMI-3-base
 lcas-debuginfo 1.3.19 EMI-3-base
 lcas-devel 1.3.19 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 lcas-lcmapi-gt4-interface 0.2.1 EMI-3-third-party

lcas-lcmaps-gt4-interface 0.2.6 EMI-3-third-party
 lcas-plugins-basic 1.3.6 EMI-3-base
 lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
 lcas-plugins-check-executable 1.2.4 EMI-3-base
 lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
 lcas-plugins-voms 1.3.11 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lcg-ManageVOTag 4.0.0 EMI-3-base
 lcg-expiregridmapdir 3.0.1 EMI-3-base
 lcg-tags 0.4.0 EMI-3-base
 lcg-util 1.14.0 EMI-3-base
 lcg-util-debuginfo 1.14.0 EMI-3-base
 lcg-util-devel 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 lcg-util-python 1.14.0 EMI-3-base
 lcgdm-dav 0.11.0 EMI-3-base
 lcgdm-dav-debuginfo 0.11.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 lcgdm-dav-server 0.11.0 EMI-3-base
 lcgdm-debuginfo 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-tests 1.8.4 EMI-3-base
 lcgdm-tests-debuginfo 1.8.4 EMI-3-base
 lcmaps 1.5.7 EMI-3-base
 lcmaps-basic-interface 1.5.7 EMI-3-base
 lcmaps-debuginfo 1.5.7 EMI-3-base
 lcmaps-devel 1.5.7 EMI-3-base
 lcmaps-globus-interface 1.5.7 EMI-3-base
 lcmaps-openssl-interface 1.5.7 EMI-3-base
 lcmaps-plugins-afs 1.4.0 EMI-3-base
 lcmaps-plugins-afs-debuginfo 1.4.0 EMI-3-base
 lcmaps-plugins-basic 1.5.1 EMI-3-base
 lcmaps-plugins-basic-debuginfo 1.5.1 EMI-3-base
 lcmaps-plugins-basic-ldap 1.5.1 EMI-3-base
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 lcmaps-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
 lcmaps-plugins-tracking-groupid 0.1.0 EMI-3-base
 lcmaps-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
 lcmaps-plugins-verify-proxy 1.5.4 EMI-3-base
 lcmaps-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
 lcmaps-plugins-voms 1.5.5 EMI-3-base
 lcmaps-plugins-voms-debuginfo 1.5.5 EMI-3-base
 lcmaps-without-gsi 1.5.7 EMI-3-base
 lcmaps-without-gsi-devel 1.5.7 EMI-3-base
 lfc 1.8.6 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 lfc-dli 1.8.6 EMI-3-base
 lfc-libs 1.8.6 EMI-3-base
 lfc-perl 1.8.6 EMI-3-base
 lfc-python 1.8.6 EMI-3-base
 lfc-server-mysql 1.8.6 EMI-3-base
 lfc-yaim 4.2.6 EMI-3-base
 maui 3.3 EMI-3-third-party
 maui-client 3.3 EMI-3-third-party
 maui-debuginfo 3.3 EMI-3-third-party
 maui-devel 3.3 EMI-3-third-party
 maui-server 3.3 EMI-3-third-party
 maven 2.2.1 EMI-3-third-party
 mkgltmpdir 0.0.3 EMI-3-base
 mpi-start 1.5.0 EMI-3-base
 nagios-lcgdm 0.9.4 EMI-3-base
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 nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base

nagios-plugins-dpm-disk 0.9.4 EMI-3-base
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nagios-plugins-ees 0.2.2 EMI-3-base
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nagios-plugins-lfc 0.9.4 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc-acix-cache 3.0.0 EMI-3-base
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nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
nordugrid-arc-aris 3.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
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nordugrid-arc-compute-element 1.0.6 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
nordugrid-arc-debuginfo 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-doc 1.3.0 EMI-3-base
nordugrid-arc-doxygen 3.0.0 EMI-3-base
nordugrid-arc-egiis 3.0.0 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base
nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
nordugrid-arc-hed 3.0.0 EMI-3-base
nordugrid-arc-information-index 1.0.6 EMI-3-base
nordugrid-arc-java 3.0.0 EMI-3-base
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nordugrid-arc-misc-utils 3.0.0 EMI-3-base
nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
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nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
nordugrid-arc-python 3.0.0 EMI-3-base
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pseudonymity-common 1.1.1 EMI-3-base
pseudonymity-server 1.1.1 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
semmsg 1.3.2 EMI-3-base
semmsg-debuginfo 1.3.2 EMI-3-base
semmsg-devel 1.3.2 EMI-3-base
semmsg-libs 1.3.2 EMI-3-base
semmsg-plugins-debuginfo 1.3.2 EMI-3-base
semmsg-plugins-lcgdm 1.3.2 EMI-3-base
semmsg-plugins-py 1.3.2 EMI-3-base
semmsg-server 1.3.2 EMI-3-base
sensor-api 1.0.0 EMI-3-base
sensor-common 1.0.0 EMI-3-base
sensor-host 1.0.0 EMI-3-base
sensor-run 1.0.0 EMI-3-base
sensor-service 1.0.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
storm-gridhttps-server 2.0.0 EMI-3-base
storm-pre-assembled-configuration 1.1.0 EMI-3-base
sts 1.0.0 EMI-3-base
tstorm 2.0.1 EMI-3-base

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tstorm-common 2.0.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
unicore-hila-emi-es 2.4.0 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
unicore-hila-shell 2.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
unicore-ucc6 6.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
unicore-uvos-server 1.6.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
voms 2.0.10 EMI-3-base
voms-clients 2.0.10 EMI-3-base
voms-debuginfo 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-doc 2.0.10 EMI-3-base
voms-server 2.0.10 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
wnodes_nameserver 2.0.4 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
xacml 1.1.2 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
xacml-devel 1.1.2 EMI-3-base
xrootd 3.2.7 EMI-3-third-party
xrootd-client 3.2.7 EMI-3-third-party
xrootd-client-admin-java 3.2.7 EMI-3-third-party
xrootd-debuginfo 3.2.7 EMI-3-third-party
xrootd-devel 3.2.7 EMI-3-third-party
xrootd-fuse 3.2.7 EMI-3-third-party
xrootd-libs 3.2.7 EMI-3-third-party
yaim-argus_server 1.6.0 EMI-3-base
yaim-argus_server-debuginfo 1.6.0 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
yaim-storm 4.3.0 EMI-3-base
```

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-devel 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-doc 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
canl-c-examples 2.1.1 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
# missing emi-release in SL6/32
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl6/x86_64/base/emi-release-2.0.0-1.sl6.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

rpm -Uvh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/i386/base/emi-release-3.0.0-2.el6.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/5554fb2f-1188-45f7-b5e8-0a7493d30b3f-sl6_ia32_gcc447EPEL
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -
```

```
yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                Arch      Version              Repository           Size
=====
Installing:
yum-plugin-priorities  noarch   1.1.30-14.el6       sl                   21 k
yum-plugin-protectbase noarch   1.1.30-14.el6       sl                   19 k
=====
```

Transaction Summary

```
=====
Install      2 Package(s)
```

```
Total download size: 41 k
Installed size: 50 k
Downloading Packages:
```

```
-----
Total                262 kB/s | 41 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
```

```
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch    2/2
```

```
Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch    1/2
```

```
Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch     2/2
```

Installed:

```
yum-plugin-priorities.noarch 0:1.1.30-14.el6
yum-plugin-protectbase.noarch 0:1.1.30-14.el6
```

Complete!

```
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl6/x86_64/base/emi-release-2.0.0-1.sl6.
```

```
Preparing... #####
```

```
emi-release #####
```

Loaded plugins: priorities, protectbase, security

114 packages excluded due to repository priority protections

0 packages excluded due to repository protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

---> Package canl-c.i686 0:2.0.7-1.el6 will be installed

CaNIC-partEMI3Update1 < EMI < TWiki

```
--> Processing Dependency: libcares.so.2 for package: canl-c-2.0.7-1.el6.i686
---> Package canl-c-examples.i686 0:2.0.7-1.el6 will be installed
--> Running transaction check
---> Package c-ares.i686 0:1.7.0-5.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                Arch      Version      Repository      Size
=====
Installing:
canl-c                 i686      2.0.7-1.el6   epel             62 k
canl-c-examples        i686      2.0.7-1.el6   epel             12 k
Installing for dependencies:
c-ares                 i686      1.7.0-5.el6   EMI-2-third-party 52 k
=====
```

Transaction Summary

```
=====
Install                3 Package(s)
```

Total download size: 127 k

Installed size: 297 k

Downloading Packages:

```
-----
Total                               612 kB/s | 127 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : c-ares-1.7.0-5.el6.i686 1/3

Installing : canl-c-2.0.7-1.el6.i686 2/3

Installing : canl-c-examples-2.0.7-1.el6.i686 3/3

Verifying : canl-c-2.0.7-1.el6.i686 1/3

Verifying : canl-c-examples-2.0.7-1.el6.i686 2/3

Verifying : c-ares-1.7.0-5.el6.i686 3/3

Installed:

canl-c.i686 0:2.0.7-1.el6 canl-c-examples.i686 0:2.0.7-1.el6

Dependency Installed:

c-ares.i686 0:1.7.0-5.el6

Complete!

Retrieving <http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/i386/base/emi-release-3.0.0-2.el6.no>

Preparing...

emi-release

/tmp/org.glite.testsuites.ctb/CANL-C/tests

Loaded plugins: priorities, protectbase, security

138 packages excluded due to repository priority protections

0 packages excluded due to repository protections

Setting up Upgrade Process

Resolving Dependencies

--> Running transaction check

---> Package canl-c.i686 0:2.0.7-1.el6 will be updated

---> Package canl-c.i386 0:2.1.1-1.el6 will be an update

---> Package canl-c-examples.i686 0:2.0.7-1.el6 will be updated

---> Package canl-c-examples.i386 0:2.1.1-1.el6 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

Full Output of the Installation

CaNIC-partEMI3Update1 < EMI < TWiki

```

=====
Package           Arch Version      Repository                                     Size
=====
Updating:
canl-c            i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-s16 61 k
canl-c-examples  i386 2.1.1-1.el6 ETICS-registered-build-5554fb2f-1188-45f7-b5e8-0a7493d30b3f-s16 11 k
=====

```

Transaction Summary

```
=====
Upgrade          2 Package(s)
=====
```

Total download size: 72 k

Downloading Packages:

```
-----
Total                               392 kB/s | 72 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```

Updating   : canl-c-2.1.1-1.el6.i386                               1/4
Updating   : canl-c-examples-2.1.1-1.el6.i386                     2/4
Cleanup    : canl-c-examples-2.0.7-1.el6.i686                     3/4
Cleanup    : canl-c-2.0.7-1.el6.i686                               4/4
Verifying  : canl-c-2.1.1-1.el6.i386                               1/4
Verifying  : canl-c-examples-2.1.1-1.el6.i386                     2/4
Verifying  : canl-c-2.0.7-1.el6.i686                               3/4
Verifying  : canl-c-examples-2.0.7-1.el6.i686                     4/4

```

Updated:

```
canl-c.i386 0:2.1.1-1.el6          canl-c-examples.i386 0:2.1.1-1.el6
```

Complete!

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

Certificate file: none

gLite user: glite

Terminal width: 80

Output format: -x

Package wget-1.12-1.4.el6.i686 already installed and latest version

Package lsof-4.82-4.el6.i686 already installed and latest version

Package cvs-1.11.23-11.el6_2.1.i686 already installed and latest version

```

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/

```

```

`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:31:47 nympha6-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:31:47 nympha6-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:31:47 nympha6-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:31:58 nympha6-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:31:59 nympha6-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexistent host certificates **done**

Testing server with nonexistent host key **done**
 Testing server with nonexistent host cert and key **done**
 Testing client: connect to server not running **done**
 Testing client: use nonexistent proxy certificate **done**
 Starting canl sample server **done**
 CANL client: connect to CANL sample server server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**
Mar 27 20:31:59 nympha6-2.zcu.cz canl-test-sec-connection.sh: end
Mar 27 20:31:59 nympha6-2.zcu.cz canl-test-sha2.sh: start
 Testing if binaries of canl examples are available **done**
 Testing if all binaries are available **done**
 Testing credentials **done**
done
 Starting canl sample server **done**
 server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send **done**
Mar 27 20:31:59 nympha6-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Clean installation, Scientific 6 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha2-2.zcu.cz
Duration	0 min
Testbed uptime	20:16:02 up 5 min, 0 users, load average: 0.80, 0.82, 0.42

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-devel 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-doc 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-examples 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
```

CaNIC-partEMI3Update1 < EMI < TWiki

```
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm
cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/2c60bc20-5d60-4000-9000-000000000000
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum install -y --nogpgcheck canl-c canl-c-examples
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                               Arch      Version           Repository        Size
=====
Installing:
yum-plugin-priorities                 noarch    1.1.30-14.el6    sl                21 k
yum-plugin-protectbase                 noarch    1.1.30-14.el6    sl                19 k
=====
```

Transaction Summary

```
=====
Install      2 Package(s)
```

Total download size: 41 k

Installed size: 50 k

Downloading Packages:

```
-----
Total                               319 kB/s | 41 kB    00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : yum-plugin-priorities-1.1.30-14.el6.noarch 1/2

Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch 2/2

Verifying : yum-plugin-protectbase-1.1.30-14.el6.noarch 1/2

Verifying : yum-plugin-priorities-1.1.30-14.el6.noarch 2/2

Installed:

yum-plugin-priorities.noarch 0:1.1.30-14.el6

yum-plugin-protectbase.noarch 0:1.1.30-14.el6

Complete!

```
Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm
```

```
Preparing... #####
```

```
emi-release #####
```

```
/tmp/org.glite.testsuites.ctb/CANL-C/tests
```

Loaded plugins: priorities, protectbase, security

206 packages excluded due to repository priority protections

CaNIC-partEMI3Update1 < EMI < TWiki

```
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:2.1.1-1.el6 will be installed
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c-2.1.1-1.el6.x86_64
---> Package canl-c-examples.x86_64 0:2.1.1-1.el6 will be installed
--> Running transaction check
---> Package c-ares.x86_64 0:1.7.0-6.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package          Arch   Version      Repository                                          Size
=====
Installing:
canl-c            x86_64 2.1.1-1.el6  ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s 63 k
canl-c-examples  x86_64 2.1.1-1.el6  ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s 11 k
Installing for dependencies:
c-ares           x86_64 1.7.0-6.el6  sl                                                52 k
```

Transaction Summary

```
=====
Install          3 Package(s)
```

```
Total download size: 126 k
Installed size: 319 k
Downloading Packages:
```

```
-----
Total                278 kB/s | 126 kB      00:00
```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing : c-ares-1.7.0-6.el6.x86_64                1/3
Installing : canl-c-2.1.1-1.el6.x86_64                2/3
Installing : canl-c-examples-2.1.1-1.el6.x86_64       3/3
Verifying  : canl-c-2.1.1-1.el6.x86_64                1/3
Verifying  : c-ares-1.7.0-6.el6.x86_64                2/3
Verifying  : canl-c-examples-2.1.1-1.el6.x86_64       3/3
```

Installed:

```
canl-c.x86_64 0:2.1.1-1.el6          canl-c-examples.x86_64 0:2.1.1-1.el6
```

Dependency Installed:

```
c-ares.x86_64 0:1.7.0-6.el6
```

Complete!

Tests

TestPlan	N/A
Tests	http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

Certificate file: none

gLite user: glite

Full Output of the Installation

CaNIC-partEMI3Update1 < EMI < TWiki

```
Terminal width: 80
Output format: -x
Package wget-1.12-1.4.el6.x86_64 already installed and latest version
Package cvs-1.11.23-11.el6_2.1.x86_64 already installed and latest version
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
```

```
=====
REAL TESTS START HERE
=====
```

Mar 27 20:15:42 nympha2-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:15:42 nympha2-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:15:42 nympha2-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

```

Testing credentials done
Starting openssl server done
CANL client: connecting to openssl server This is the testing message to send? done
Starting canl sample server done
Openssl client: connect to CANL sample server This is a testing message to send? done
Mar 27 20:15:53 nympha2-2.zcu.cz canl-test-cs-openssl.sh: end
Mar 27 20:15:53 nympha2-2.zcu.cz canl-test-sec-connection.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
Testing server with nonexisting host certificates done
Testing server with nonexisting host key done
Testing server with nonexisting host cert and key done
Testing client: connect to server not running done
Testing client: use nonexisting proxy certificate done
Starting canl sample server done
CANL client: connect to CANL sample server server: waiting for connections... [SERVER] connection
established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"
sent successfully [SERVER] received: This is the testing message to send [CLIENT] connection established
[CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent
successfully [CLIENT] received: This is a testing message to send done
Mar 27 20:15:53 nympha2-2.zcu.cz canl-test-sec-connection.sh: end
Mar 27 20:15:53 nympha2-2.zcu.cz canl-test-sha2.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
done
Starting canl sample server done
server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the
client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is
the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server
[CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a
testing message to send done
Mar 27 20:15:54 nympha2-2.zcu.cz canl-test-sha2.sh: end

```

```

=====
TESTS END HERE
=====

```

Minor upgrade from production (EMI-3), Scientific 6 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha13-2.zcu.cz
Duration	0 min
Testbed uptime	20:15:56 up 6 min, 0 users, load average: 0.80, 0.79, 0.40

Production Repo Contents

CGSI-gSOAP 1.3.5 EMI-3-base
 CGSI-gSOAP 1.3.5 EMI-3-base
 CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
 CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
 CGSI-gSOAP-devel 1.3.5 EMI-3-base
 CGSI-gSOAP-devel 1.3.5 EMI-3-base
 SAGA.lsu-cpp.engine 1.6.0 EMI-3-third-party
 a1_grid_env 3.0.2 EMI-3-base
 a1_grid_env-debuginfo 3.0.2 EMI-3-base
 activemq 5.4.2 EMI-3-third-party
 activemq-cpp-library 3.2.5 EMI-3-third-party
 activemq-cpp-library-debuginfo 3.2.5 EMI-3-third-party
 ant1.8 1.8.1 EMI-3-third-party
 apel-client 1.0.0 EMI-3-base
 apel-lib 1.0.0 EMI-3-base
 apel-parsers 1.0.0 EMI-3-base
 apel-server 1.0.0 EMI-3-base
 apel-ssm 2.0.0 EMI-3-base
 apr-util1.3-devel 1.3.10 EMI-3-third-party
 apr1.4-devel 1.4.2 EMI-3-third-party
 argus-gsi-pep-callout 1.3.0 EMI-3-base
 argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
 argus-pap 1.6.0 EMI-3-base
 argus-pdp 1.6.0 EMI-3-base
 argus-pdp-pep-common 1.4.0 EMI-3-base
 argus-pep-api-c 2.2.0 EMI-3-base
 argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
 argus-pep-api-c-devel 2.2.0 EMI-3-base
 argus-pep-api-java 2.2.0 EMI-3-base
 argus-pep-common 2.3.0 EMI-3-base
 argus-pep-server 1.6.0 EMI-3-base
 argus-pepcli 2.2.0 EMI-3-base
 argus-pepcli-debuginfo 2.2.0 EMI-3-base
 axis1.4 1.4 EMI-3-third-party
 axis2 1.6.1 EMI-3-third-party
 bdii 5.2.17 EMI-3-base
 bdii-config-site 1.0.7 EMI-3-base
 bdii-config-top 1.0.7 EMI-3-base
 bouncycastle-mail 1.46 EMI-3-third-party
 c-check 0.9.8 EMI-3-third-party
 canl-c 2.0.9 EMI-3-base
 canl-c++ 1.0.0 EMI-3-base
 canl-c++-debuginfo 1.0.0 EMI-3-base
 canl-c++-devel 1.0.0 EMI-3-base
 canl-c-devel 2.0.9 EMI-3-base
 canl-java-axis2 0.1.3 EMI-3-base
 canl-java-tomcat 0.1.12 EMI-3-base
 cleanup-grid-accounts 2.0.1 EMI-3-base
 condor 7.4.2 EMI-3-third-party
 condor-emi 7.8.0 EMI-3-third-party
 condor-lcg 1.2.0 EMI-3-third-party
 cx_Oracle 5.1.2 EMI-3-third-party
 davix 0.0.27 EMI-3-base
 davix-debuginfo 0.0.27 EMI-3-base
 davix-devel 0.0.27 EMI-3-base
 davix-doc 0.0.27 EMI-3-base
 davix-libs 0.0.27 EMI-3-base
 dcache-server 2.2.4 EMI-3-base
 dcache-srmclient 2.2.4 EMI-3-base
 dcache-srmclient-debuginfo 2.2.4 EMI-3-base
 dcacheVoms2Gplasma 0.0.8 EMI-3-base
 dcap 2.47.7 EMI-3-base
 dcap-debuginfo 2.47.7 EMI-3-base
 dcap-devel 2.47.7 EMI-3-base
 dcap-devel 2.47.7 EMI-3-base

dcap-libs 2.47.7 EMI-3-base
 dcap-libs 2.47.7 EMI-3-base
 dcap-tunnel-gsi 2.47.7 EMI-3-base
 dcap-tunnel-krb 2.47.7 EMI-3-base
 dcap-tunnel-ssl 2.47.7 EMI-3-base
 dcap-tunnel-telnet 2.47.7 EMI-3-base
 delegation-java 3.0.13 EMI-3-base
 dmlite-debuginfo 0.4.2 EMI-3-base
 dmlite-plugins-adapter 0.4.1 EMI-3-base
 dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
 dmlite-plugins-librarian 0.4.0 EMI-3-base
 dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
 dmlite-plugins-mysql 0.4.1 EMI-3-base
 dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
 dmlite-plugins-oracle 0.4.0 EMI-3-base
 dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
 dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
 dpm 1.8.6 EMI-3-base
 dpm-copy-server-mysql 1.8.6 EMI-3-base
 dpm-copy-server-oracle 1.8.6 EMI-3-base
 dpm-devel 1.8.6 EMI-3-base
 dpm-devel 1.8.6 EMI-3-base
 dpm-dsi 1.8.3 EMI-3-base
 dpm-dsi 1.8.3 EMI-3-base
 dpm-dsi-debuginfo 1.8.3 EMI-3-base
 dpm-dsi-debuginfo 1.8.3 EMI-3-base
 dpm-dsi-devel 1.8.3 EMI-3-base
 dpm-dsi-devel 1.8.3 EMI-3-base
 dpm-libs 1.8.6 EMI-3-base
 dpm-libs 1.8.6 EMI-3-base
 dpm-name-server-mysql 1.8.6 EMI-3-base
 dpm-name-server-oracle 1.8.6 EMI-3-base
 dpm-nfs-debuginfo 0.6.2 EMI-3-base
 dpm-nfs-server 0.6.2 EMI-3-base
 dpm-perl 1.8.6 EMI-3-base
 dpm-python 1.8.6 EMI-3-base
 dpm-rfio-server 1.8.6 EMI-3-base
 dpm-server-mysql 1.8.6 EMI-3-base
 dpm-server-oracle 1.8.6 EMI-3-base
 dpm-srm-server-mysql 1.8.6 EMI-3-base
 dpm-srm-server-oracle 1.8.6 EMI-3-base
 dpm-xrootd-debuginfo 3.1.1 EMI-3-base
 dpm-yaim 4.2.9 EMI-3-base
 dynsched-generic 2.5.1 EMI-3-base
 edg-mkgridmap 4.0.0 EMI-3-base
 editline 2.9 EMI-3-third-party
 ees 0.1.4 EMI-3-base
 ees-debuginfo 0.1.4 EMI-3-base
 ees-devel 0.1.4 EMI-3-base
 ees-pepd-oh 0.1.3 EMI-3-base
 ees-pepd-oh-javadoc 0.1.3 EMI-3-base
 emi-argus 1.6.0 EMI-3-base
 emi-bdii-site 1.0.1 EMI-3-base
 emi-bdii-top 1.0.1 EMI-3-base
 emi-cream-nagios 1.0.1 EMI-3-base
 emi-dcache-clients 1.0.0 EMI-3-base
 emi-dpm_disk 1.8.6 EMI-3-base
 emi-dpm_mysql 1.8.6 EMI-3-base
 emi-dpm_oracle 1.8.6 EMI-3-base
 emi-emir 1.2.1 EMI-3-base
 emi-lb 1.0.2 EMI-3-base
 emi-lb-nagios-plugins 1.2.9 EMI-3-base
 emi-lfc_mysql 1.8.6 EMI-3-base
 emi-lfc_oracle 1.8.6 EMI-3-base
 emi-maven-common 1.0.0 EMI-3-base
 emi-maven-common-debuginfo 1.0.0 EMI-3-base
 emi-mpi 1.0.2 EMI-3-base

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emi-nagios 3.0.0 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
emi-pkgconfig-compat 1.0.1 EMI-3-third-party
emi-px 1.0.2 EMI-3-base
emi-release 3.0.0 EMI-3-base
emi-resource-information-service 1.0.3 EMI-3-base
emi-slurm-client 1.0.1 EMI-3-base
emi-slurm-utils 1.0.1 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-gridhttps-mp 1.0.0 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
emi-storm-srm-client-mp 1.0.0 EMI-3-base
emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
emi-torque-client 1.0.0 EMI-3-base
emi-torque-server 1.0.0 EMI-3-base
emi-torque-utils 2.0.1 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-third-party
emi-trustmanager-axis 2.0.2 EMI-3-third-party
emi-trustmanager-axis2 1.0.1 EMI-3-third-party
emi-trustmanager-test 2.0.2 EMI-3-third-party
emi-trustmanager-tomcat 3.0.1 EMI-3-third-party
emi-ui 3.0.0 EMI-3-base
emi-version 3.0.0 EMI-3-base
emi-version-debuginfo 3.0.0 EMI-3-base
emi-voms-mysql 1.1.0 EMI-3-base
emi-voms-oracle 1.1.0 EMI-3-base
emi-wms 3.5.0 EMI-3-base
emi-wms-nagios 3.5.0 EMI-3-base
emi-wn 3.0.0 EMI-3-base
emi.amga.amga-cli 2.4.0 EMI-3-base
emi.amga.amga-cli-debuginfo 2.4.0 EMI-3-base
emi.amga.amga-server 2.4.0 EMI-3-base
emi.amga.amga-server-debuginfo 2.4.0 EMI-3-base
emi.dcache.srm-probes 1.0.0 EMI-3-base
emi.saga-adapter.context-cpp 1.0.2 EMI-3-base
emi.saga-adapter.context-cpp-debuginfo 1.0.2 EMI-3-base
emi.saga-adapter.isn-common 1.0.1 EMI-3-base
emi.saga-adapter.isn-cpp 1.0.3 EMI-3-base
emi.saga-adapter.isn-cpp-debuginfo 1.0.3 EMI-3-base
emi.saga-adapter.sd-cpp 1.0.4 EMI-3-base
emi.saga-adapter.sd-cpp-debuginfo 1.0.4 EMI-3-base
emir-serp 1.2.1 EMI-3-base
fts-debuginfo 0.0.1 EMI-3-base
fts-mysql-devel 0.0.1 EMI-3-base
fts2-client 2.2.9 EMI-3-base
fts2-client-debuginfo 2.2.9 EMI-3-base
fts2-devel 2.2.9 EMI-3-base
gfal 1.14.0 EMI-3-base
gfal 1.14.0 EMI-3-base
gfal-debuginfo 1.14.0 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
gfal-devel 1.14.0 EMI-3-base
gfal-doc 1.14.0 EMI-3-base
gfal-python 1.14.0 EMI-3-base
gfal2-core 2.1.0 EMI-3-base
gfal2-debuginfo 2.1.0 EMI-3-base
gfal2-devel 2.1.0 EMI-3-base
gfal2-python 1.1.0 EMI-3-base
gfal2-python-debuginfo 1.1.0 EMI-3-base
gfal2-python-doc 1.1.0 EMI-3-base
gfal2-transfer 2.1.0 EMI-3-base
gfal2-utils 0.0.14 EMI-3-base

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gfal2-utils-debuginfo 0.0.14 EMI-3-base
gfalFS 1.0.1 EMI-3-base
gfalFS-debuginfo 1.0.1 EMI-3-base
glexec 0.9.8 EMI-3-base
glexec-debuginfo 0.9.8 EMI-3-base
glexec-wn 1.2.0 EMI-3-base
glexec-wrapper-scripts 0.0.7 EMI-3-base
glite-build-common-cpp 3.3.3 EMI-3-base
glite-ce-cream-cli 1.15.1 EMI-3-base
glite-ce-cream-client-api-c 1.15.1 EMI-3-base
glite-ce-cream-client-devel 1.15.1 EMI-3-base
glite-ce-monitor-cli 1.15.1 EMI-3-base
glite-ce-monitor-client-api-c 1.15.1 EMI-3-base
glite-ce-monitor-client-devel 1.15.1 EMI-3-base
glite-ce-wsdl 1.15.1 EMI-3-base
glite-info-plugin-fcr 3.0.5 EMI-3-base
glite-info-provider-ldap 1.4.4 EMI-3-base
glite-info-provider-service 1.12.0 EMI-3-base
glite-info-site 0.4.0 EMI-3-base
glite-info-static 0.2.0 EMI-3-base
glite-info-update-endpoints 2.0.12 EMI-3-base
glite-initscript-globus-gridftp 1.0.4 EMI-3-base
glite-jdl-api-cpp 3.4.1 EMI-3-base
glite-jdl-api-cpp-devel 3.4.1 EMI-3-base
glite-jdl-api-cpp-doc 3.4.1 EMI-3-base
glite-jdl-api-java 3.3.1 EMI-3-base
glite-jdl-api-java-doc 3.3.1 EMI-3-base
glite-jobid-api-c 2.2.7 EMI-3-base
glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
glite-jobid-api-c-devel 2.2.7 EMI-3-base
glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
glite-jobid-api-java 1.3.4 EMI-3-base
glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
glite-lb-client 6.0.5 EMI-3-base
glite-lb-client-debuginfo 6.0.5 EMI-3-base
glite-lb-client-devel 6.0.5 EMI-3-base
glite-lb-client-java 2.0.2 EMI-3-base
glite-lb-client-java-debuginfo 2.0.2 EMI-3-base
glite-lb-client-progs 6.0.5 EMI-3-base
glite-lb-common 9.0.5 EMI-3-base
glite-lb-common-debuginfo 9.0.5 EMI-3-base
glite-lb-common-devel 9.0.5 EMI-3-base
glite-lb-doc 1.4.11 EMI-3-base
glite-lb-harvester 1.3.8 EMI-3-base
glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
glite-lb-logger 2.4.15 EMI-3-base
glite-lb-logger-debuginfo 2.4.15 EMI-3-base
glite-lb-logger-devel 2.4.15 EMI-3-base
glite-lb-logger-msg 1.2.8 EMI-3-base
glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
glite-lb-server 3.0.7 EMI-3-base
glite-lb-server-debuginfo 3.0.7 EMI-3-base
glite-lb-state-machine 2.0.4 EMI-3-base
glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
glite-lb-state-machine-devel 2.0.4 EMI-3-base
glite-lb-state-machine-plugins 2.0.4 EMI-3-base
glite-lb-types 2.0.5 EMI-3-base
glite-lb-utils 2.3.6 EMI-3-base
glite-lb-utils-debuginfo 2.3.6 EMI-3-base
glite-lb-ws-interface 4.0.4 EMI-3-base
glite-lb-ws-test 1.4.6 EMI-3-base
glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
glite-lb-yaim 4.5.8 EMI-3-base
glite-lbjp-common-db 3.2.6 EMI-3-base
glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
glite-lbjp-common-db-devel 3.2.6 EMI-3-base
glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base

glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
 glite-lbjp-common-gss 3.2.11 EMI-3-base
 glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
 glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
 glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
 glite-lbjp-common-log 1.3.6 EMI-3-base
 glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
 glite-lbjp-common-log-devel 1.3.6 EMI-3-base
 glite-lbjp-common-maildir 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
 glite-lbjp-common-trio 2.3.8 EMI-3-base
 glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
 glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
 glite-px-myproxy-yaim 4.1.12 EMI-3-base
 glite-px-proxyrenewal 1.3.31 EMI-3-base
 glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
 glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
 glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
 glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
 glite-service-discovery-api-c 2.2.3 EMI-3-third-party
 glite-service-discovery-bdii-c 2.2.0 EMI-3-third-party
 glite-wms-brokerinfo-access 3.5.0 EMI-3-base
 glite-wms-brokerinfo-access-devel 3.5.0 EMI-3-base
 glite-wms-brokerinfo-access-doc 3.5.0 EMI-3-base
 glite-wms-brokerinfo-access-lib 3.5.0 EMI-3-base
 glite-wms-common 3.5.0 EMI-3-base
 glite-wms-common-devel 3.5.0 EMI-3-base
 glite-wms-configuration 3.5.0 EMI-3-base
 glite-wms-core 3.5.0 EMI-3-base
 glite-wms-core-devel 3.5.0 EMI-3-base
 glite-wms-ice 3.5.0 EMI-3-base
 glite-wms-interface 3.5.0 EMI-3-base
 glite-wms-jobsubmission 3.5.0 EMI-3-base
 glite-wms-jobsubmission-devel 3.5.0 EMI-3-base
 glite-wms-jobsubmission-lib 3.5.0 EMI-3-base
 glite-wms-purger 3.5.0 EMI-3-base
 glite-wms-purger-devel 3.5.0 EMI-3-base
 glite-wms-ui-api-python 3.5.0 EMI-3-base
 glite-wms-ui-commands 3.5.0 EMI-3-base
 glite-wms-utils-classad 3.4.1 EMI-3-base
 glite-wms-utils-classad-devel 3.4.1 EMI-3-base
 glite-wms-utils-exception 3.4.1 EMI-3-base
 glite-wms-utils-exception-devel 3.4.1 EMI-3-base
 glite-wms-wmproxy-api-cpp 3.5.0 EMI-3-base
 glite-wms-wmproxy-api-cpp-devel 3.5.0 EMI-3-base
 glite-wms-wmproxy-api-cpp-doc 3.5.0 EMI-3-base
 glite-wn-info 1.0.3 EMI-3-base
 glite-yaim-bdii 4.3.13 EMI-3-base
 glite-yaim-clients 5.2.0 EMI-3-base
 glite-yaim-core 5.1.1 EMI-3-base
 glite-yaim-mpi 1.1.12 EMI-3-base
 glite-yaim-torque-client 5.1.0 EMI-3-base
 glite-yaim-torque-server 5.1.0 EMI-3-base
 glite-yaim-torque-utils 5.1.1 EMI-3-base
 globus-ftp-control 4.4 EMI-3-third-party
 globus-ftp-control 4.4 EMI-3-third-party
 globus-ftp-control-debuginfo 4.4 EMI-3-third-party
 globus-ftp-control-devel 4.4 EMI-3-third-party
 globus-ftp-control-devel 4.4 EMI-3-third-party
 globus-ftp-control-doc 4.4 EMI-3-third-party

globus-gridftp-server 6.16 EMI-3-third-party
 globus-gridftp-server 6.16 EMI-3-third-party
 globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-progs 6.16 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist-debuginfo 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-doc 8.6 EMI-3-third-party
 globus-gss-assist-progs 8.6 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io-debuginfo 9.3 EMI-3-third-party
 globus-io-devel 9.3 EMI-3-third-party
 globus-io-devel 9.3 EMI-3-third-party
 glue-schema 2.0.10 EMI-3-base
 glue-validator 1.0.5 EMI-3-base
 glue-validator-cron 1.0.2 EMI-3-base
 gridftp-ifce 2.3.0 EMI-3-base
 gridftp-ifce 2.3.0 EMI-3-base
 gridftp-ifce-debuginfo 2.3.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 gridsite 2.0.4 EMI-3-base
 gridsite-commands 2.0.4 EMI-3-base
 gridsite-debuginfo 2.0.4 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-service-clients 2.0.4 EMI-3-base
 gsoap2.7-devel 2.7.6b EMI-3-third-party
 gwt-lib 1.7.1 EMI-3-third-party
 info-dynamic-scheduler-slurm 1.0.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface-debuginfo 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 jclassads 2.4.0 EMI-3-third-party
 jug 1.1 EMI-3-third-party
 kill-stale-ftp 1.0.1 EMI-3-base
 lcas 1.3.19 EMI-3-base
 lcas-debuginfo 1.3.19 EMI-3-base
 lcas-devel 1.3.19 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 lcas-lcmapi-gt4-interface 0.2.6 EMI-3-third-party
 lcas-plugins-basic 1.3.6 EMI-3-base
 lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
 lcas-plugins-check-executable 1.2.4 EMI-3-base
 lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
 lcas-plugins-voms 1.3.11 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lcg-ManageVOTag 4.0.0 EMI-3-base
 lcg-expiregridmapdir 3.0.1 EMI-3-base
 lcg-info 1.12.2 EMI-3-base
 lcg-info-dynamic-scheduler-pbs 2.4.1 EMI-3-base
 lcg-infosites 3.1.0 EMI-3-base
 lcg-pbs-utils 2.0.0 EMI-3-base

lcg-pbs-utils-debuginfo 2.0.0 EMI-3-base
lcg-tags 0.4.0 EMI-3-base
lcg-util 1.14.0 EMI-3-base
lcg-util-debuginfo 1.14.0 EMI-3-base
lcg-util-devel 1.14.0 EMI-3-base
lcg-util-devel 1.14.0 EMI-3-base
lcg-util-libs 1.14.0 EMI-3-base
lcg-util-libs 1.14.0 EMI-3-base
lcg-util-python 1.14.0 EMI-3-base
lcgdm-dav 0.11.0 EMI-3-base
lcgdm-dav 0.11.0 EMI-3-base
lcgdm-dav-debuginfo 0.11.0 EMI-3-base
lcgdm-dav-devel 0.11.0 EMI-3-base
lcgdm-dav-devel 0.11.0 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
lcgdm-dav-libs 0.11.0 EMI-3-base
lcgdm-dav-server 0.11.0 EMI-3-base
lcgdm-debuginfo 1.8.6 EMI-3-base
lcgdm-devel 1.8.6 EMI-3-base
lcgdm-devel 1.8.6 EMI-3-base
lcgdm-libs 1.8.6 EMI-3-base
lcgdm-libs 1.8.6 EMI-3-base
lcgdm-oracle-debuginfo 1.8.6 EMI-3-base
lcgdm-tests 1.8.4 EMI-3-base
lcgdm-tests-debuginfo 1.8.4 EMI-3-base
lcmaps 1.5.7 EMI-3-base
lcmaps-basic-interface 1.5.7 EMI-3-base
lcmaps-debuginfo 1.5.7 EMI-3-base
lcmaps-devel 1.5.7 EMI-3-base
lcmaps-globus-interface 1.5.7 EMI-3-base
lcmaps-openssl-interface 1.5.7 EMI-3-base
lcmaps-plugins-afs 1.4.0 EMI-3-base
lcmaps-plugins-afs-debuginfo 1.4.0 EMI-3-base
lcmaps-plugins-basic 1.5.1 EMI-3-base
lcmaps-plugins-basic-debuginfo 1.5.1 EMI-3-base
lcmaps-plugins-basic-ldap 1.5.1 EMI-3-base
lcmaps-plugins-c-pep 1.2.3 EMI-3-base
lcmaps-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
lcmaps-plugins-tracking-groupid 0.1.0 EMI-3-base
lcmaps-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
lcmaps-plugins-verify-proxy 1.5.4 EMI-3-base
lcmaps-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
lcmaps-plugins-voms 1.5.5 EMI-3-base
lcmaps-plugins-voms-debuginfo 1.5.5 EMI-3-base
lcmaps-without-gsi 1.5.7 EMI-3-base
lcmaps-without-gsi-devel 1.5.7 EMI-3-base
lfc 1.8.6 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
lfc-devel 1.8.6 EMI-3-base
lfc-dli 1.8.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
lfc-libs 1.8.6 EMI-3-base
lfc-perl 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
lfc-server-mysql 1.8.6 EMI-3-base
lfc-server-oracle 1.8.6 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
libcurl-openssl 7.21.7 EMI-3-third-party
libcurl-openssl-devel 7.21.7 EMI-3-third-party
maui 3.3 EMI-3-third-party
maui-client 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-server 3.3 EMI-3-third-party
maven 2.2.1 EMI-3-third-party
mkgltmpdir 0.0.3 EMI-3-base
mongo-10gen 2.0.4 EMI-3-third-party

mongo-10gen-server 2.0.4 EMI-3-third-party
 mpi-start 1.5.0 EMI-3-base
 nagios-lcgdm 0.9.4 EMI-3-base
 nagios-plugins-argus 1.1.0 EMI-3-base
 nagios-plugins-bdii 1.0.14 EMI-3-base
 nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
 nagios-plugins-dpm-disk 0.9.4 EMI-3-base
 nagios-plugins-dpm-head 0.9.4 EMI-3-base
 nagios-plugins-ees 0.2.2 EMI-3-base
 nagios-plugins-fts 1.0.1 EMI-3-base
 nagios-plugins-glexec 0.3.2 EMI-3-base
 nagios-plugins-lcgdm 0.9.4 EMI-3-base
 nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
 nagios-plugins-lfc 0.9.4 EMI-3-base
 nagios-plugins-voms 1.0.0 EMI-3-base
 nordugrid-arc 3.0.0 EMI-3-base
 nordugrid-arc 3.0.0 EMI-3-base
 nordugrid-arc-acix-cache 3.0.0 EMI-3-base
 nordugrid-arc-acix-core 3.0.0 EMI-3-base
 nordugrid-arc-acix-index 3.0.0 EMI-3-base
 nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
 nordugrid-arc-arex 3.0.0 EMI-3-base
 nordugrid-arc-aris 3.0.0 EMI-3-base
 nordugrid-arc-ca-utils 3.0.0 EMI-3-base
 nordugrid-arc-cache-service 3.0.0 EMI-3-base
 nordugrid-arc-client 3.0.0 EMI-3-base
 nordugrid-arc-client-tools 1.0.6 EMI-3-base
 nordugrid-arc-compute-element 1.0.6 EMI-3-base
 nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
 nordugrid-arc-debuginfo 3.0.0 EMI-3-base
 nordugrid-arc-devel 3.0.0 EMI-3-base
 nordugrid-arc-devel 3.0.0 EMI-3-base
 nordugrid-arc-doc 1.3.0 EMI-3-base
 nordugrid-arc-doxygen 3.0.0 EMI-3-base
 nordugrid-arc-egiis 3.0.0 EMI-3-base
 nordugrid-arc-gridftpd 3.0.0 EMI-3-base
 nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
 nordugrid-arc-hed 3.0.0 EMI-3-base
 nordugrid-arc-information-index 1.0.6 EMI-3-base
 nordugrid-arc-java 3.0.0 EMI-3-base
 nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
 nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
 nordugrid-arc-misc-utils 3.0.0 EMI-3-base
 nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
 nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
 nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
 nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
 nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
 nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
 nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
 nordugrid-arc-python 3.0.0 EMI-3-base
 nordugrid-arc-ws-monitor 3.0.0 EMI-3-base
 pseudonymity-common 1.1.1 EMI-3-base
 pseudonymity-server 1.1.1 EMI-3-base
 pseudonymity-ui 1.1.1 EMI-3-base
 semsg 1.3.2 EMI-3-base
 semsg-debuginfo 1.3.2 EMI-3-base
 semsg-devel 1.3.2 EMI-3-base
 semsg-lib 1.3.2 EMI-3-base
 semsg-plugins-debuginfo 1.3.2 EMI-3-base
 semsg-plugins-lcgdm 1.3.2 EMI-3-base
 semsg-plugins-py 1.3.2 EMI-3-base
 semsg-server 1.3.2 EMI-3-base
 sensor-api 1.0.0 EMI-3-base
 sensor-common 1.0.0 EMI-3-base
 sensor-host 1.0.0 EMI-3-base
 sensor-run 1.0.0 EMI-3-base

sensor-service 1.0.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
storm-backend-server 1.11.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
storm-frontend-server 1.8.1 EMI-3-base
storm-globus-gridftp-server 1.2.0 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
storm-gridhttps-server 2.0.0 EMI-3-base
storm-pre-assembled-configuration 1.1.0 EMI-3-base
storm-srm-client 1.6.0 EMI-3-base
storm-xmlrpc-c 1.25.10 EMI-3-base
storm-xmlrpc-c-apps 1.25.10 EMI-3-base
storm-xmlrpc-c-c++ 1.25.10 EMI-3-base
storm-xmlrpc-c-client 1.25.10 EMI-3-base
storm-xmlrpc-c-client++ 1.25.10 EMI-3-base
storm-xmlrpc-c-debuginfo 1.25.10 EMI-3-base
storm-xmlrpc-c-devel 1.25.10 EMI-3-base
sts 1.0.0 EMI-3-base
tstorm 2.0.1 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
unicore-configurator 1.0.0 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
unicore-hila-emi-es 2.4.0 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
unicore-hila-shell 2.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
unicore-nagios-plugins 2.3.2 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
unicore-ucc6 6.0.0 EMI-3-base
unicore-unicorex6 6.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
unicore-uvos-server 1.6.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
voms 2.0.10 EMI-3-base
voms 2.0.10 EMI-3-base
voms-admin-client 2.0.18 EMI-3-base
voms-admin-server 3.0.0 EMI-3-base
voms-api-java3 3.0.0 EMI-3-base
voms-api-java3-javadoc 3.0.0 EMI-3-base
voms-clients 2.0.10 EMI-3-base
voms-clients3 3.0.0 EMI-3-base
voms-debuginfo 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-doc 2.0.10 EMI-3-base
voms-mysql-plugin 3.1.6 EMI-3-base
voms-mysql-plugin-debuginfo 3.1.6 EMI-3-base
voms-oracle-plugin 3.1.15 EMI-3-base
voms-oracle-plugin-debuginfo 3.1.15 EMI-3-base
voms-server 2.0.10 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
wnodes_cloud 1.0.0 EMI-3-base
wnodes_hypervisor 2.0.5 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
wnodes_nameserver 2.0.4 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base

```
wnodes_utils 2.0.4 EMI-3-base
xacml 1.1.2 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
xacml-devel 1.1.2 EMI-3-base
xrootd-client-admin-java 3.2.7 EMI-3-third-party
xrootd-debuginfo 3.2.7 EMI-3-third-party
xrootd-devel 3.2.7 EMI-3-third-party
xrootd-libs 3.2.7 EMI-3-third-party
yaim-argus_server 1.6.0 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
yaim-storm 4.3.0 EMI-3-base
```

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-devel 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-doc 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-examples 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s16/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

cd /etc/yum/repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
yum-plugin-priorities noarch 1.1.30-14.el6 sl 21 k
yum-plugin-protectbase noarch 1.1.30-14.el6 sl 19 k

Transaction Summary
=====
Install 2 Package(s)
```

CaNIC-partEMI3Update1 < EMI < TWiki

Total download size: 41 k
 Installed size: 50 k
 Downloading Packages:

```
-----
Total                               190 kB/s | 41 kB      00:00
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch    2/2
Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch    1/2
Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch     2/2
```

Installed:
 yum-plugin-priorities.noarch 0:1.1.30-14.el6
 yum-plugin-protectbase.noarch 0:1.1.30-14.el6

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.

```
Preparing... #####
emi-release #####
```

Loaded plugins: priorities, protectbase, security
 195 packages excluded due to repository priority protections
 0 packages excluded due to repository protections
 Setting up Install Process

```
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:2.0.9-1.el6 will be installed
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c-2.0.9-1.el6.x86_64
---> Package canl-c-examples.x86_64 0:2.0.9-1.el6 will be installed
--> Running transaction check
---> Package c-ares.x86_64 0:1.7.0-6.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
```

Package	Arch	Version	Repository	Size
Installing:				
canl-c	x86_64	2.0.9-1.el6	EMI-3-base	63 k
canl-c-examples	x86_64	2.0.9-1.el6	EMI-3-base	11 k
Installing for dependencies:				
c-ares	x86_64	1.7.0-6.el6	sl	52 k

```
=====
```

Transaction Summary

```
=====
Install      3 Package(s)
```

Total download size: 126 k
 Installed size: 319 k
 Downloading Packages:

```
-----
Total                               244 kB/s | 126 kB     00:00
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Installing : c-ares-1.7.0-6.el6.x86_64                      1/3
Installing : canl-c-2.0.9-1.el6.x86_64                      2/3
```

CaNIC-partEMI3Update1 < EMI < TWiki

```

Installing : canl-c-examples-2.0.9-1.el6.x86_64          3/3
Verifying  : canl-c-2.0.9-1.el6.x86_64                 1/3
Verifying  : c-ares-1.7.0-6.el6.x86_64                2/3
Verifying  : canl-c-examples-2.0.9-1.el6.x86_64       3/3

Installed:
  canl-c.x86_64 0:2.0.9-1.el6          canl-c-examples.x86_64 0:2.0.9-1.el6

Dependency Installed:
  c-ares.x86_64 0:1.7.0-6.el6

```

```

Complete!
/tmp/org.gluon.testsuites.ctb/CANL-C/tests
Loaded plugins: priorities, protectbase, security
206 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Upgrade Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:2.0.9-1.el6 will be updated
---> Package canl-c.x86_64 0:2.1.1-1.el6 will be an update
---> Package canl-c-examples.x86_64 0:2.0.9-1.el6 will be updated
---> Package canl-c-examples.x86_64 0:2.1.1-1.el6 will be an update
--> Finished Dependency Resolution

```

Dependencies Resolved

```

=====
Package            Arch    Version      Repository                                          Size
=====
Updating:
  canl-c            x86_64  2.1.1-1.el6  ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s 63 k
  canl-c-examples  x86_64  2.1.1-1.el6  ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s 11 k

```

Transaction Summary

```

=====
Upgrade          2 Package(s)

```

Total download size: 74 k

Downloading Packages:

```

-----
Total                               126 kB/s | 74 kB      00:00

```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```

Updating   : canl-c-2.1.1-1.el6.x86_64          1/4
Updating   : canl-c-examples-2.1.1-1.el6.x86_64  2/4
Cleanup    : canl-c-examples-2.0.9-1.el6.x86_64  3/4
Cleanup    : canl-c-2.0.9-1.el6.x86_64          4/4
Verifying  : canl-c-2.1.1-1.el6.x86_64          1/4
Verifying  : canl-c-examples-2.1.1-1.el6.x86_64  2/4
Verifying  : canl-c-2.0.9-1.el6.x86_64          3/4

```

Verifying : canl-c-examples-2.0.9-1.el6.x86_64

4/4

Updated:

canl-c.x86_64 0:2.1.1-1.el6

canl-c-examples.x86_64 0:2.1.1-1.el6

Complete!

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

Certificate file: none

gLite user: glite

Terminal width: 80

Output format: -x

Package wget-1.12-1.4.el6.x86_64 already installed and latest version

Package cvs-1.11.23-11.el6_2.1.x86_64 already installed and latest version

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/

U org.glite.testsuites.ctb/CANL-C/tests/Makefile

U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh

U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh

U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh

```
=====
REAL TESTS START HERE
=====
```

Mar 27 20:15:36 nympha13-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:15:36 nympha13-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:15:36 nympha13-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send? **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send? **done**

Mar 27 20:15:47 nympha13-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:15:47 nympha13-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexistent host certificates **done**

Testing server with nonexistent host key **done**

Testing server with nonexistent host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexistent proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]

received: This is a testing message to send server: waiting for connections... [SERVER] connection

established [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send"

sent successfully [SERVER] received: This is the testing message to send **done**

Mar 27 20:15:47 nympha13-2.zcu.cz canl-test-sec-connection.sh: end

Mar 27 20:15:47 nympha13-2.zcu.cz canl-test-sha2.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

done

Starting canl sample server **done**

server: waiting for connections... [SERVER] connection established [SERVER] Trying to send sth to the

client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is

the testing message to send [CLIENT] connection established [CLIENT] Trying to send sth to the server

[CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a

testing message to send **done**

Mar 27 20:15:48 nympha13-2.zcu.cz canl-test-sha2.sh: end

```
=====
TESTS END HERE
=====
```

Major upgrade from production (EMI-2 to EMI-3), Scientific 6 (x86_64)

Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux
Platform	x86_64
Host	nympha7-2.zcu.cz
Duration	0 min
Testbed uptime	20:16:53 up 7 min, 0 users, load average: 0.93, 0.97, 0.54

Production Repo Contents

```

CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-debuginfo 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
CGSI-gSOAP-devel 1.3.5 EMI-3-base
SAGA.lsu-cpp.engine 1.6.0 EMI-3-third-party
al_grid_env 3.0.2 EMI-3-base
al_grid_env-debuginfo 3.0.2 EMI-3-base
activemq 5.4.2 EMI-3-third-party
activemq-cpp-library 3.2.5 EMI-3-third-party
activemq-cpp-library-debuginfo 3.2.5 EMI-3-third-party
ant1.8 1.8.1 EMI-3-third-party
apel-client 1.0.0 EMI-3-base
apel-lib 1.0.0 EMI-3-base
apel-parsers 1.0.0 EMI-3-base
apel-server 1.0.0 EMI-3-base
apel-ssm 2.0.0 EMI-3-base
apr-util1.3-devel 1.3.10 EMI-3-third-party
apr1.4-devel 1.4.2 EMI-3-third-party
argus-gsi-pep-callout 1.3.0 EMI-3-base
argus-gsi-pep-callout-debuginfo 1.3.0 EMI-3-base
argus-pap 1.6.0 EMI-3-base
argus-pdp 1.6.0 EMI-3-base
argus-pdp-pep-common 1.4.0 EMI-3-base
argus-pep-api-c 2.2.0 EMI-3-base
argus-pep-api-c-debuginfo 2.2.0 EMI-3-base
argus-pep-api-c-devel 2.2.0 EMI-3-base
argus-pep-api-java 2.2.0 EMI-3-base
argus-pep-common 2.3.0 EMI-3-base
argus-pep-server 1.6.0 EMI-3-base
argus-pepcli 2.2.0 EMI-3-base
argus-pepcli-debuginfo 2.2.0 EMI-3-base
axis1.4 1.4 EMI-3-third-party
axis2 1.6.1 EMI-3-third-party
bdii 5.2.17 EMI-3-base
bdii-config-site 1.0.7 EMI-3-base
bdii-config-top 1.0.7 EMI-3-base
bouncycastle-mail 1.46 EMI-3-third-party
c-check 0.9.8 EMI-3-third-party
canl-c 2.0.9 EMI-3-base
canl-c++ 1.0.0 EMI-3-base
canl-c++-debuginfo 1.0.0 EMI-3-base
canl-c++-devel 1.0.0 EMI-3-base
canl-c-devel 2.0.9 EMI-3-base
canl-java-axis2 0.1.3 EMI-3-base
canl-java-tomcat 0.1.12 EMI-3-base
cleanup-grid-accounts 2.0.1 EMI-3-base
condor 7.4.2 EMI-3-third-party
condor-emi 7.8.0 EMI-3-third-party

```

condor-lcg 1.2.0 EMI-3-third-party
cx_Oracle 5.1.2 EMI-3-third-party
davix 0.0.27 EMI-3-base
davix-debuginfo 0.0.27 EMI-3-base
davix-devel 0.0.27 EMI-3-base
davix-doc 0.0.27 EMI-3-base
davix-libs 0.0.27 EMI-3-base
dcache-server 2.2.4 EMI-3-base
dcache-srmclient 2.2.4 EMI-3-base
dcache-srmclient-debuginfo 2.2.4 EMI-3-base
dcacheVoms2Gplasma 0.0.8 EMI-3-base
dcap 2.47.7 EMI-3-base
dcap-debuginfo 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
dcap-devel 2.47.7 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
dcap-libs 2.47.7 EMI-3-base
dcap-tunnel-gsi 2.47.7 EMI-3-base
dcap-tunnel-krb 2.47.7 EMI-3-base
dcap-tunnel-ssl 2.47.7 EMI-3-base
dcap-tunnel-telnet 2.47.7 EMI-3-base
delegation-java 3.0.13 EMI-3-base
dmlite-debuginfo 0.4.2 EMI-3-base
dmlite-plugins-adapter 0.4.1 EMI-3-base
dmlite-plugins-adapter-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-librarian 0.4.0 EMI-3-base
dmlite-plugins-librarian-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-mysql 0.4.1 EMI-3-base
dmlite-plugins-mysql-debuginfo 0.4.1 EMI-3-base
dmlite-plugins-oracle 0.4.0 EMI-3-base
dmlite-plugins-oracle-debuginfo 0.4.0 EMI-3-base
dmlite-plugins-profiler-debuginfo 0.4.0 EMI-3-base
dpm 1.8.6 EMI-3-base
dpm-copy-server-mysql 1.8.6 EMI-3-base
dpm-copy-server-oracle 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-devel 1.8.6 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-debuginfo 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-dsi-devel 1.8.3 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-libs 1.8.6 EMI-3-base
dpm-name-server-mysql 1.8.6 EMI-3-base
dpm-name-server-oracle 1.8.6 EMI-3-base
dpm-nfs-debuginfo 0.6.2 EMI-3-base
dpm-nfs-server 0.6.2 EMI-3-base
dpm-perl 1.8.6 EMI-3-base
dpm-python 1.8.6 EMI-3-base
dpm-rfio-server 1.8.6 EMI-3-base
dpm-server-mysql 1.8.6 EMI-3-base
dpm-server-oracle 1.8.6 EMI-3-base
dpm-srm-server-mysql 1.8.6 EMI-3-base
dpm-srm-server-oracle 1.8.6 EMI-3-base
dpm-xrootd-debuginfo 3.1.1 EMI-3-base
dpm-yaim 4.2.9 EMI-3-base
dynsched-generic 2.5.1 EMI-3-base
edg-mkgridmap 4.0.0 EMI-3-base
editline 2.9 EMI-3-third-party
ees 0.1.4 EMI-3-base
ees-debuginfo 0.1.4 EMI-3-base
ees-devel 0.1.4 EMI-3-base
ees-pepd-oh 0.1.3 EMI-3-base
ees-pepd-oh-javadoc 0.1.3 EMI-3-base
emi-argus 1.6.0 EMI-3-base


```

emi-bdii-site 1.0.1 EMI-3-base
emi-bdii-top 1.0.1 EMI-3-base
emi-cream-nagios 1.0.1 EMI-3-base
emi-dcache-clients 1.0.0 EMI-3-base
emi-dpm_disk 1.8.6 EMI-3-base
emi-dpm_mysql 1.8.6 EMI-3-base
emi-dpm_oracle 1.8.6 EMI-3-base
emi-emir 1.2.1 EMI-3-base
emi-lb 1.0.2 EMI-3-base
emi-lb-nagios-plugins 1.2.9 EMI-3-base
emi-lfc_mysql 1.8.6 EMI-3-base
emi-lfc_oracle 1.8.6 EMI-3-base
emi-maven-common 1.0.0 EMI-3-base
emi-maven-common-debuginfo 1.0.0 EMI-3-base
emi-mpi 1.0.2 EMI-3-base
emi-nagios 3.0.0 EMI-3-base
emi-nagios-debuginfo 3.0.0 EMI-3-base
emi-pkgconfig-compatible 1.0.1 EMI-3-third-party
emi-px 1.0.2 EMI-3-base
emi-release 3.0.0 EMI-3-base
emi-resource-information-service 1.0.3 EMI-3-base
emi-slurm-client 1.0.1 EMI-3-base
emi-slurm-utils 1.0.1 EMI-3-base
emi-storm-backend-mp 1.2.0 EMI-3-base
emi-storm-backend-mp-debuginfo 1.2.0 EMI-3-base
emi-storm-frontend-mp 1.1.0 EMI-3-base
emi-storm-frontend-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp 1.1.0 EMI-3-base
emi-storm-globus-gridftp-mp-debuginfo 1.1.0 EMI-3-base
emi-storm-gridhttps-mp 1.0.0 EMI-3-base
emi-storm-gridhttps-mp-debuginfo 1.0.0 EMI-3-base
emi-storm-srm-client-mp 1.0.0 EMI-3-base
emi-storm-srm-client-mp-debuginfo 1.0.0 EMI-3-base
emi-torque-client 1.0.0 EMI-3-base
emi-torque-server 1.0.0 EMI-3-base
emi-torque-utils 2.0.1 EMI-3-base
emi-trustmanager 3.1.4 EMI-3-third-party
emi-trustmanager-axis 2.0.2 EMI-3-third-party
emi-trustmanager-axis2 1.0.1 EMI-3-third-party
emi-trustmanager-test 2.0.2 EMI-3-third-party
emi-trustmanager-tomcat 3.0.1 EMI-3-third-party
emi-ui 3.0.0 EMI-3-base
emi-version 3.0.0 EMI-3-base
emi-version-debuginfo 3.0.0 EMI-3-base
emi-voms-mysql 1.1.0 EMI-3-base
emi-voms-oracle 1.1.0 EMI-3-base
emi-wms 3.5.0 EMI-3-base
emi-wms-nagios 3.5.0 EMI-3-base
emi-wn 3.0.0 EMI-3-base
emi.amga.amga-cli 2.4.0 EMI-3-base
emi.amga.amga-cli-debuginfo 2.4.0 EMI-3-base
emi.amga.amga-server 2.4.0 EMI-3-base
emi.amga.amga-server-debuginfo 2.4.0 EMI-3-base
emi.dcache.srm-probes 1.0.0 EMI-3-base
emi.saga-adapter.context-cpp 1.0.2 EMI-3-base
emi.saga-adapter.context-cpp-debuginfo 1.0.2 EMI-3-base
emi.saga-adapter.isn-common 1.0.1 EMI-3-base
emi.saga-adapter.isn-cpp 1.0.3 EMI-3-base
emi.saga-adapter.isn-cpp-debuginfo 1.0.3 EMI-3-base
emi.saga-adapter.sd-cpp 1.0.4 EMI-3-base
emi.saga-adapter.sd-cpp-debuginfo 1.0.4 EMI-3-base
emir-serp 1.2.1 EMI-3-base
fts-debuginfo 0.0.1 EMI-3-base
fts-mysql-devel 0.0.1 EMI-3-base
fts2-client 2.2.9 EMI-3-base
fts2-client-debuginfo 2.2.9 EMI-3-base
fts2-devel 2.2.9 EMI-3-base

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gfal 1.14.0 EMI-3-base
 gfal 1.14.0 EMI-3-base
 gfal-debuginfo 1.14.0 EMI-3-base
 gfal-devel 1.14.0 EMI-3-base
 gfal-devel 1.14.0 EMI-3-base
 gfal-doc 1.14.0 EMI-3-base
 gfal-python 1.14.0 EMI-3-base
 gfal2-core 2.1.0 EMI-3-base
 gfal2-debuginfo 2.1.0 EMI-3-base
 gfal2-devel 2.1.0 EMI-3-base
 gfal2-python 1.1.0 EMI-3-base
 gfal2-python-debuginfo 1.1.0 EMI-3-base
 gfal2-python-doc 1.1.0 EMI-3-base
 gfal2-transfer 2.1.0 EMI-3-base
 gfal2-utils 0.0.14 EMI-3-base
 gfal2-utils-debuginfo 0.0.14 EMI-3-base
 gfalFS 1.0.1 EMI-3-base
 gfalFS-debuginfo 1.0.1 EMI-3-base
 glexec 0.9.8 EMI-3-base
 glexec-debuginfo 0.9.8 EMI-3-base
 glexec-wn 1.2.0 EMI-3-base
 glexec-wrapper-scripts 0.0.7 EMI-3-base
 glite-build-common-cpp 3.3.3 EMI-3-base
 glite-ce-cream-cli 1.15.1 EMI-3-base
 glite-ce-cream-client-api-c 1.15.1 EMI-3-base
 glite-ce-cream-client-devel 1.15.1 EMI-3-base
 glite-ce-monitor-cli 1.15.1 EMI-3-base
 glite-ce-monitor-client-api-c 1.15.1 EMI-3-base
 glite-ce-monitor-client-devel 1.15.1 EMI-3-base
 glite-ce-wsdl 1.15.1 EMI-3-base
 glite-info-plugin-fcr 3.0.5 EMI-3-base
 glite-info-provider-ldap 1.4.4 EMI-3-base
 glite-info-provider-service 1.12.0 EMI-3-base
 glite-info-site 0.4.0 EMI-3-base
 glite-info-static 0.2.0 EMI-3-base
 glite-info-update-endpoints 2.0.12 EMI-3-base
 glite-initscript-globus-gridftp 1.0.4 EMI-3-base
 glite-jdl-api-cpp 3.4.1 EMI-3-base
 glite-jdl-api-cpp-devel 3.4.1 EMI-3-base
 glite-jdl-api-cpp-doc 3.4.1 EMI-3-base
 glite-jdl-api-java 3.3.1 EMI-3-base
 glite-jdl-api-java-doc 3.3.1 EMI-3-base
 glite-jobid-api-c 2.2.7 EMI-3-base
 glite-jobid-api-c-debuginfo 2.2.7 EMI-3-base
 glite-jobid-api-c-devel 2.2.7 EMI-3-base
 glite-jobid-api-cpp-devel 1.3.6 EMI-3-base
 glite-jobid-api-java 1.3.4 EMI-3-base
 glite-jobid-api-java-javadoc 1.3.4 EMI-3-base
 glite-lb-client 6.0.5 EMI-3-base
 glite-lb-client-debuginfo 6.0.5 EMI-3-base
 glite-lb-client-devel 6.0.5 EMI-3-base
 glite-lb-client-java 2.0.2 EMI-3-base
 glite-lb-client-java-debuginfo 2.0.2 EMI-3-base
 glite-lb-client-progs 6.0.5 EMI-3-base
 glite-lb-common 9.0.5 EMI-3-base
 glite-lb-common-debuginfo 9.0.5 EMI-3-base
 glite-lb-common-devel 9.0.5 EMI-3-base
 glite-lb-doc 1.4.11 EMI-3-base
 glite-lb-harvester 1.3.8 EMI-3-base
 glite-lb-harvester-debuginfo 1.3.8 EMI-3-base
 glite-lb-logger 2.4.15 EMI-3-base
 glite-lb-logger-debuginfo 2.4.15 EMI-3-base
 glite-lb-logger-devel 2.4.15 EMI-3-base
 glite-lb-logger-msg 1.2.8 EMI-3-base
 glite-lb-logger-msg-debuginfo 1.2.8 EMI-3-base
 glite-lb-server 3.0.7 EMI-3-base
 glite-lb-server-debuginfo 3.0.7 EMI-3-base

glite-lb-state-machine 2.0.4 EMI-3-base
 glite-lb-state-machine-debuginfo 2.0.4 EMI-3-base
 glite-lb-state-machine-devel 2.0.4 EMI-3-base
 glite-lb-state-machine-plugins 2.0.4 EMI-3-base
 glite-lb-types 2.0.5 EMI-3-base
 glite-lb-utils 2.3.6 EMI-3-base
 glite-lb-utils-debuginfo 2.3.6 EMI-3-base
 glite-lb-ws-interface 4.0.4 EMI-3-base
 glite-lb-ws-test 1.4.6 EMI-3-base
 glite-lb-ws-test-debuginfo 1.4.6 EMI-3-base
 glite-lb-yaim 4.5.8 EMI-3-base
 glite-lbjp-common-db 3.2.6 EMI-3-base
 glite-lbjp-common-db-debuginfo 3.2.6 EMI-3-base
 glite-lbjp-common-db-devel 3.2.6 EMI-3-base
 glite-lbjp-common-gsoap-plugin 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-debuginfo 3.2.7 EMI-3-base
 glite-lbjp-common-gsoap-plugin-devel 3.2.7 EMI-3-base
 glite-lbjp-common-gss 3.2.11 EMI-3-base
 glite-lbjp-common-gss-debuginfo 3.2.11 EMI-3-base
 glite-lbjp-common-gss-devel 3.2.11 EMI-3-base
 glite-lbjp-common-jp-interface 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-jp-interface-devel 2.3.6 EMI-3-base
 glite-lbjp-common-log 1.3.6 EMI-3-base
 glite-lbjp-common-log-debuginfo 1.3.6 EMI-3-base
 glite-lbjp-common-log-devel 1.3.6 EMI-3-base
 glite-lbjp-common-maildir 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-maildir-devel 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-debuginfo 2.3.6 EMI-3-base
 glite-lbjp-common-server-bones-devel 2.3.6 EMI-3-base
 glite-lbjp-common-trio 2.3.8 EMI-3-base
 glite-lbjp-common-trio-debuginfo 2.3.8 EMI-3-base
 glite-lbjp-common-trio-devel 2.3.8 EMI-3-base
 glite-px-myproxy-yaim 4.1.12 EMI-3-base
 glite-px-proxyrenewal 1.3.31 EMI-3-base
 glite-px-proxyrenewal-debuginfo 1.3.31 EMI-3-base
 glite-px-proxyrenewal-devel 1.3.31 EMI-3-base
 glite-px-proxyrenewal-libs 1.3.31 EMI-3-base
 glite-px-proxyrenewal-progs 1.3.31 EMI-3-base
 glite-service-discovery-api-c 2.2.3 EMI-3-third-party
 glite-service-discovery-bdii-c 2.2.0 EMI-3-third-party
 glite-wms-brokerinfo-access 3.5.0 EMI-3-base
 glite-wms-brokerinfo-access-devel 3.5.0 EMI-3-base
 glite-wms-brokerinfo-access-doc 3.5.0 EMI-3-base
 glite-wms-brokerinfo-access-lib 3.5.0 EMI-3-base
 glite-wms-common 3.5.0 EMI-3-base
 glite-wms-common-devel 3.5.0 EMI-3-base
 glite-wms-configuration 3.5.0 EMI-3-base
 glite-wms-core 3.5.0 EMI-3-base
 glite-wms-core-devel 3.5.0 EMI-3-base
 glite-wms-ice 3.5.0 EMI-3-base
 glite-wms-interface 3.5.0 EMI-3-base
 glite-wms-jobsubmission 3.5.0 EMI-3-base
 glite-wms-jobsubmission-devel 3.5.0 EMI-3-base
 glite-wms-jobsubmission-lib 3.5.0 EMI-3-base
 glite-wms-purger 3.5.0 EMI-3-base
 glite-wms-purger-devel 3.5.0 EMI-3-base
 glite-wms-ui-api-python 3.5.0 EMI-3-base
 glite-wms-ui-commands 3.5.0 EMI-3-base
 glite-wms-utils-classad 3.4.1 EMI-3-base
 glite-wms-utils-classad-devel 3.4.1 EMI-3-base
 glite-wms-utils-exception 3.4.1 EMI-3-base
 glite-wms-utils-exception-devel 3.4.1 EMI-3-base
 glite-wms-wmproxy-api-cpp 3.5.0 EMI-3-base
 glite-wms-wmproxy-api-cpp-devel 3.5.0 EMI-3-base

glite-wms-wmproxy-api-cpp-doc 3.5.0 EMI-3-base
 glite-wn-info 1.0.3 EMI-3-base
 glite-yaim-bdii 4.3.13 EMI-3-base
 glite-yaim-clients 5.2.0 EMI-3-base
 glite-yaim-core 5.1.1 EMI-3-base
 glite-yaim-mpi 1.1.12 EMI-3-base
 glite-yaim-torque-client 5.1.0 EMI-3-base
 glite-yaim-torque-server 5.1.0 EMI-3-base
 glite-yaim-torque-utils 5.1.1 EMI-3-base
 globus-ftp-control 4.4 EMI-3-third-party
 globus-ftp-control 4.4 EMI-3-third-party
 globus-ftp-control-debuginfo 4.4 EMI-3-third-party
 globus-ftp-control-devel 4.4 EMI-3-third-party
 globus-ftp-control-devel 4.4 EMI-3-third-party
 globus-ftp-control-doc 4.4 EMI-3-third-party
 globus-gridftp-server 6.16 EMI-3-third-party
 globus-gridftp-server 6.16 EMI-3-third-party
 globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control 2.7 EMI-3-third-party
 globus-gridftp-server-control-debuginfo 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-control-devel 2.7 EMI-3-third-party
 globus-gridftp-server-debuginfo 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-devel 6.16 EMI-3-third-party
 globus-gridftp-server-progs 6.16 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist 8.6 EMI-3-third-party
 globus-gss-assist-debuginfo 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-devel 8.6 EMI-3-third-party
 globus-gss-assist-doc 8.6 EMI-3-third-party
 globus-gss-assist-progs 8.6 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io 9.3 EMI-3-third-party
 globus-io-debuginfo 9.3 EMI-3-third-party
 globus-io-devel 9.3 EMI-3-third-party
 globus-io-devel 9.3 EMI-3-third-party
 glue-schema 2.0.10 EMI-3-base
 glue-validator 1.0.5 EMI-3-base
 glue-validator-cron 1.0.2 EMI-3-base
 gridftp-ifce 2.3.0 EMI-3-base
 gridftp-ifce 2.3.0 EMI-3-base
 gridftp-ifce-debuginfo 2.3.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 gridftp-ifce-devel 2.3.0 EMI-3-base
 gridsite 2.0.4 EMI-3-base
 gridsite-commands 2.0.4 EMI-3-base
 gridsite-debuginfo 2.0.4 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 gridsite-devel 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-libs 2.0.4 EMI-3-base
 gridsite-service-clients 2.0.4 EMI-3-base
 gsoap2.7-devel 2.7.6b EMI-3-third-party
 gwt-lib 1.7.1 EMI-3-third-party
 info-dynamic-scheduler-slurm 1.0.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface 1.14.0 EMI-3-base
 is-interface-debuginfo 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 is-interface-devel 1.14.0 EMI-3-base
 jclassads 2.4.0 EMI-3-third-party
 jug 1.1 EMI-3-third-party
 kill-stale-ftp 1.0.1 EMI-3-base
 lcas 1.3.19 EMI-3-base
 lcas-debuginfo 1.3.19 EMI-3-base

lcas-devel 1.3.19 EMI-3-base
 lcas-interface 1.3.19 EMI-3-base
 lcas-lcmapi-gt4-interface 0.2.6 EMI-3-third-party
 lcas-plugins-basic 1.3.6 EMI-3-base
 lcas-plugins-basic-debuginfo 1.3.6 EMI-3-base
 lcas-plugins-check-executable 1.2.4 EMI-3-base
 lcas-plugins-check-executable-debuginfo 1.2.4 EMI-3-base
 lcas-plugins-voms 1.3.11 EMI-3-base
 lcas-plugins-voms-debuginfo 1.3.11 EMI-3-base
 lcg-ManageVOTag 4.0.0 EMI-3-base
 lcg-expiregridmapdir 3.0.1 EMI-3-base
 lcg-info 1.12.2 EMI-3-base
 lcg-info-dynamic-scheduler-pbs 2.4.1 EMI-3-base
 lcg-infosites 3.1.0 EMI-3-base
 lcg-pbs-utils 2.0.0 EMI-3-base
 lcg-pbs-utils-debuginfo 2.0.0 EMI-3-base
 lcg-tags 0.4.0 EMI-3-base
 lcg-util 1.14.0 EMI-3-base
 lcg-util-debuginfo 1.14.0 EMI-3-base
 lcg-util-devel 1.14.0 EMI-3-base
 lcg-util-devel 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 lcg-util-libs 1.14.0 EMI-3-base
 lcg-util-python 1.14.0 EMI-3-base
 lcgdm-dav 0.11.0 EMI-3-base
 lcgdm-dav 0.11.0 EMI-3-base
 lcgdm-dav-debuginfo 0.11.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 lcgdm-dav-devel 0.11.0 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 lcgdm-dav-libs 0.11.0 EMI-3-base
 lcgdm-dav-server 0.11.0 EMI-3-base
 lcgdm-debuginfo 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-devel 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-libs 1.8.6 EMI-3-base
 lcgdm-oracle-debuginfo 1.8.6 EMI-3-base
 lcgdm-tests 1.8.4 EMI-3-base
 lcgdm-tests-debuginfo 1.8.4 EMI-3-base
 lcmapi 1.5.7 EMI-3-base
 lcmapi-basic-interface 1.5.7 EMI-3-base
 lcmapi-debuginfo 1.5.7 EMI-3-base
 lcmapi-devel 1.5.7 EMI-3-base
 lcmapi-globus-interface 1.5.7 EMI-3-base
 lcmapi-openssl-interface 1.5.7 EMI-3-base
 lcmapi-plugins-afs 1.4.0 EMI-3-base
 lcmapi-plugins-afs-debuginfo 1.4.0 EMI-3-base
 lcmapi-plugins-basic 1.5.1 EMI-3-base
 lcmapi-plugins-basic-debuginfo 1.5.1 EMI-3-base
 lcmapi-plugins-basic-ldap 1.5.1 EMI-3-base
 lcmapi-plugins-c-pep 1.2.3 EMI-3-base
 lcmapi-plugins-c-pep-debuginfo 1.2.3 EMI-3-base
 lcmapi-plugins-tracking-groupid 0.1.0 EMI-3-base
 lcmapi-plugins-tracking-groupid-debuginfo 0.1.0 EMI-3-base
 lcmapi-plugins-verify-proxy 1.5.4 EMI-3-base
 lcmapi-plugins-verify-proxy-debuginfo 1.5.4 EMI-3-base
 lcmapi-plugins-voms 1.5.5 EMI-3-base
 lcmapi-plugins-voms-debuginfo 1.5.5 EMI-3-base
 lcmapi-without-gsi 1.5.7 EMI-3-base
 lcmapi-without-gsi-devel 1.5.7 EMI-3-base
 lfc 1.8.6 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 lfc-devel 1.8.6 EMI-3-base
 lfc-dli 1.8.6 EMI-3-base
 lfc-libs 1.8.6 EMI-3-base
 lfc-libs 1.8.6 EMI-3-base

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lfc-perl 1.8.6 EMI-3-base
lfc-python 1.8.6 EMI-3-base
lfc-server-mysql 1.8.6 EMI-3-base
lfc-server-oracle 1.8.6 EMI-3-base
lfc-yaim 4.2.6 EMI-3-base
libcurl-openssl 7.21.7 EMI-3-third-party
libcurl-openssl-devel 7.21.7 EMI-3-third-party
maui 3.3 EMI-3-third-party
maui-client 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-devel 3.3 EMI-3-third-party
maui-server 3.3 EMI-3-third-party
maven 2.2.1 EMI-3-third-party
mkgltempdir 0.0.3 EMI-3-base
mongo-10gen 2.0.4 EMI-3-third-party
mongo-10gen-server 2.0.4 EMI-3-third-party
mpi-start 1.5.0 EMI-3-base
nagios-lcgdm 0.9.4 EMI-3-base
nagios-plugins-argus 1.1.0 EMI-3-base
nagios-plugins-bdii 1.0.14 EMI-3-base
nagios-plugins-bdii-debuginfo 1.0.14 EMI-3-base
nagios-plugins-dpm-disk 0.9.4 EMI-3-base
nagios-plugins-dpm-head 0.9.4 EMI-3-base
nagios-plugins-ees 0.2.2 EMI-3-base
nagios-plugins-fts 1.0.1 EMI-3-base
nagios-plugins-glexec 0.3.2 EMI-3-base
nagios-plugins-lcgdm 0.9.4 EMI-3-base
nagios-plugins-lcgdm-common 0.9.4 EMI-3-base
nagios-plugins-lfc 0.9.4 EMI-3-base
nagios-plugins-voms 1.0.0 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc 3.0.0 EMI-3-base
nordugrid-arc-acix-cache 3.0.0 EMI-3-base
nordugrid-arc-acix-core 3.0.0 EMI-3-base
nordugrid-arc-acix-index 3.0.0 EMI-3-base
nordugrid-arc-arcproxyalt 3.0.0 EMI-3-base
nordugrid-arc-arex 3.0.0 EMI-3-base
nordugrid-arc-arj 3.0.0 EMI-3-base
nordugrid-arc-ca-utils 3.0.0 EMI-3-base
nordugrid-arc-cache-service 3.0.0 EMI-3-base
nordugrid-arc-client 3.0.0 EMI-3-base
nordugrid-arc-client-tools 1.0.6 EMI-3-base
nordugrid-arc-compute-element 1.0.6 EMI-3-base
nordugrid-arc-datadelivery-service 3.0.0 EMI-3-base
nordugrid-arc-debuginfo 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-devel 3.0.0 EMI-3-base
nordugrid-arc-doc 1.3.0 EMI-3-base
nordugrid-arc-doxygen 3.0.0 EMI-3-base
nordugrid-arc-egiis 3.0.0 EMI-3-base
nordugrid-arc-gridftpd 3.0.0 EMI-3-base
nordugrid-arc-gridmap-utils 3.0.0 EMI-3-base
nordugrid-arc-hed 3.0.0 EMI-3-base
nordugrid-arc-information-index 1.0.6 EMI-3-base
nordugrid-arc-java 3.0.0 EMI-3-base
nordugrid-arc-ldap-infosys 3.0.0 EMI-3-base
nordugrid-arc-ldap-monitor 3.0.0 EMI-3-base
nordugrid-arc-misc-utils 3.0.0 EMI-3-base
nordugrid-arc-nagios-plugins 1.5.0 EMI-3-base
nordugrid-arc-nagios-plugins-doc 1.5.0 EMI-3-base
nordugrid-arc-plugins-gfal 3.0.0 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
nordugrid-arc-plugins-globus 3.0.0 EMI-3-base
nordugrid-arc-plugins-needed 3.0.0 EMI-3-base
nordugrid-arc-plugins-xrootd 3.0.0 EMI-3-base
nordugrid-arc-python 3.0.0 EMI-3-base
nordugrid-arc-ws-monitor 3.0.0 EMI-3-base

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pseudonymity-common 1.1.1 EMI-3-base
pseudonymity-server 1.1.1 EMI-3-base
pseudonymity-ui 1.1.1 EMI-3-base
semsg 1.3.2 EMI-3-base
semsg-debuginfo 1.3.2 EMI-3-base
semsg-devel 1.3.2 EMI-3-base
semsg-libs 1.3.2 EMI-3-base
semsg-plugins-debuginfo 1.3.2 EMI-3-base
semsg-plugins-lcgdm 1.3.2 EMI-3-base
semsg-plugins-py 1.3.2 EMI-3-base
semsg-server 1.3.2 EMI-3-base
sensor-api 1.0.0 EMI-3-base
sensor-common 1.0.0 EMI-3-base
sensor-host 1.0.0 EMI-3-base
sensor-run 1.0.0 EMI-3-base
sensor-service 1.0.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce 1.14.0 EMI-3-base
srm-ifce-debuginfo 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
srm-ifce-devel 1.14.0 EMI-3-base
storm-backend-server 1.11.0 EMI-3-base
storm-dynamic-info-provider 1.7.4 EMI-3-base
storm-frontend-server 1.8.1 EMI-3-base
storm-globus-gridftp-server 1.2.0 EMI-3-base
storm-gridhttps-plugin 1.1.0 EMI-3-base
storm-gridhttps-server 2.0.0 EMI-3-base
storm-pre-assembled-configuration 1.1.0 EMI-3-base
storm-srm-client 1.6.0 EMI-3-base
storm-xmlrpc-c 1.25.10 EMI-3-base
storm-xmlrpc-c-apps 1.25.10 EMI-3-base
storm-xmlrpc-c-c++ 1.25.10 EMI-3-base
storm-xmlrpc-c-client 1.25.10 EMI-3-base
storm-xmlrpc-c-client++ 1.25.10 EMI-3-base
storm-xmlrpc-c-debuginfo 1.25.10 EMI-3-base
storm-xmlrpc-c-devel 1.25.10 EMI-3-base
sts 1.0.0 EMI-3-base
tstorm 2.0.1 EMI-3-base
tstorm-common 2.0.1 EMI-3-base
tstorm-sanity 2.0.1 EMI-3-base
unicore-configurator 1.0.0 EMI-3-base
unicore-gateway6 5.0.0 EMI-3-base
unicore-hila-emi-es 2.4.0 EMI-3-base
unicore-hila-gridftp 2.4.0 EMI-3-base
unicore-hila-shell 2.4.0 EMI-3-base
unicore-hila-unicore6 2.4.0 EMI-3-base
unicore-nagios-plugins 2.3.2 EMI-3-base
unicore-registry6 6.0.0 EMI-3-base
unicore-tsi6 5.1.0 EMI-3-base
unicore-ucc6 6.0.0 EMI-3-base
unicore-unicorex6 6.0.0 EMI-3-base
unicore-uvos-clc 1.7.0 EMI-3-base
unicore-uvos-server 1.6.0 EMI-3-base
unicore-uvos-webapp 1.6.0 EMI-3-base
unicore-uvos-webauth 1.6.0 EMI-3-base
unicore-xuudb 2.0.0 EMI-3-base
voms 2.0.10 EMI-3-base
voms 2.0.10 EMI-3-base
voms-admin-client 2.0.18 EMI-3-base
voms-admin-server 3.0.0 EMI-3-base
voms-api-java3 3.0.0 EMI-3-base
voms-api-java3-javadoc 3.0.0 EMI-3-base
voms-clients 2.0.10 EMI-3-base
voms-clients3 3.0.0 EMI-3-base
voms-debuginfo 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base
voms-devel 2.0.10 EMI-3-base

CaNIC-partEMI3Update1 < EMI < TWiki

```
voms-doc 2.0.10 EMI-3-base
voms-mysql-plugin 3.1.6 EMI-3-base
voms-mysql-plugin-debuginfo 3.1.6 EMI-3-base
voms-oracle-plugin 3.1.15 EMI-3-base
voms-oracle-plugin-debuginfo 3.1.15 EMI-3-base
voms-server 2.0.10 EMI-3-base
wnodes_accounting 1.0.0 EMI-3-base
wnodes_bait 2.0.8 EMI-3-base
wnodes_cachemanager 2.0.1 EMI-3-base
wnodes_cli 1.0.3 EMI-3-base
wnodes_cloud 1.0.0 EMI-3-base
wnodes_hypervisor 2.0.5 EMI-3-base
wnodes_manager 2.0.3 EMI-3-base
wnodes_nameserver 2.0.4 EMI-3-base
wnodes_site_specific 2.0.2 EMI-3-base
wnodes_utils 2.0.4 EMI-3-base
xacml 1.1.2 EMI-3-base
xacml-debuginfo 1.1.2 EMI-3-base
xacml-devel 1.1.2 EMI-3-base
xrootd-client-admin-java 3.2.7 EMI-3-third-party
xrootd-debuginfo 3.2.7 EMI-3-third-party
xrootd-devel 3.2.7 EMI-3-third-party
xrootd-libs 3.2.7 EMI-3-third-party
yaim-argus_server 1.6.0 EMI-3-base
yaim-glexec-wn 2.3.3 EMI-3-base
yaim-storm 4.3.0 EMI-3-base
```

Test Repo Contents

```
canl-c 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-debuginfo 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-devel 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-doc 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-c-examples 2.1.1 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
canl-java-javadoc 1.2.0 ETICS-registered-build-2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
```

Process

```
rpm -ivh http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
yum install -y yum-priorities yum-protectbase
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/2/s16/x86_64/base/emi-release-2.0.0-1.s16.noarch.rpm

yum install -y --nogpgcheck canl-c canl-c-examples

rpm -Uvh http://emisoft.web.cern.ch/emisoft/dist/EMI/3/s16/x86_64/base/emi-release-3.0.0-2.el6.noarch.rpm

cd /etc/yum.repos.d
wget --no-verbose http://etics-repository.cern.ch/repository/pm/registered/repomd/id/2c60bc20-5d67-4888-b374-ff37c4b2e653-s16_x86_64_gcc446EPEL
echo priority=39 >> etics-registered-build-by-id-protect.repo
echo timeout=120 >> etics-registered-build-by-id-protect.repo
cd -

yum -y --nogpgcheck upgrade
```

Full Output of the Installation

```
Retrieving http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm
Preparing... #####
epel-release #####
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package yum-plugin-priorities.noarch 0:1.1.30-14.el6 will be installed
```

Test Repo Contents

CaNIC-partEMI3Update1 < EMI < TWiki

```

--> Package yum-plugin-protectbase.noarch 0:1.1.30-14.el6 will be installed
--> Finished Dependency Resolution

```

Dependencies Resolved

```

=====
Package                Arch          Version      Repository    Size
=====
Installing:
yum-plugin-priorities   noarch       1.1.30-14.el6  sl            21 k
yum-plugin-protectbase  noarch       1.1.30-14.el6  sl            19 k

```

Transaction Summary

```

=====
Install      2 Package(s)

```

```

Total download size: 41 k
Installed size: 50 k
Downloading Packages:

```

```

-----
Total                               318 kB/s | 41 kB    00:00

```

```

Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction

```

```

Installing : yum-plugin-priorities-1.1.30-14.el6.noarch      1/2
Installing : yum-plugin-protectbase-1.1.30-14.el6.noarch    2/2
Verifying  : yum-plugin-protectbase-1.1.30-14.el6.noarch    1/2
Verifying  : yum-plugin-priorities-1.1.30-14.el6.noarch     2/2

```

Installed:

```

yum-plugin-priorities.noarch 0:1.1.30-14.el6
yum-plugin-protectbase.noarch 0:1.1.30-14.el6

```

Complete!

```

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl6/x86_64/base/emi-release-2.0.0-1.sl6.

```

```

Preparing... #####
emi-release #####

```

```

Loaded plugins: priorities, protectbase, security
195 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process

```

Resolving Dependencies

```

--> Running transaction check
--> Package canl-c.x86_64 0:1.0.4-1.el6 will be installed
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c-1.0.4-1.el6.x86_64
--> Package canl-c-examples.x86_64 0:1.0.4-1.el6 will be installed
--> Running transaction check
--> Package c-ares.x86_64 0:1.7.0-6.el6 will be installed
--> Finished Dependency Resolution

```

Dependencies Resolved

```

=====
Package                Arch          Version      Repository    Size
=====
Installing:
canl-c                 x86_64       1.0.4-1.el6  EMI-2-base    47 k
canl-c-examples        x86_64       1.0.4-1.el6  EMI-2-base    10 k
Installing for dependencies:
c-ares                 x86_64       1.7.0-6.el6  sl            52 k

```

CaNIC-partEMI3Update1 < EMI < TWiki

Transaction Summary

Install 3 Package(s)

Total download size: 109 k

Installed size: 303 k

Downloading Packages:

Total 113 kB/s | 109 kB 00:00

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : c-ares-1.7.0-6.el6.x86_64 1/3

Installing : canl-c-1.0.4-1.el6.x86_64 2/3

Installing : canl-c-examples-1.0.4-1.el6.x86_64 3/3

Verifying : canl-c-examples-1.0.4-1.el6.x86_64 1/3

Verifying : c-ares-1.7.0-6.el6.x86_64 2/3

Verifying : canl-c-1.0.4-1.el6.x86_64 3/3

Installed:

canl-c.x86_64 0:1.0.4-1.el6 canl-c-examples.x86_64 0:1.0.4-1.el6

Dependency Installed:

c-ares.x86_64 0:1.7.0-6.el6

Complete!

Retrieving http://emisoft.web.cern.ch/emisoft/dist/EMI/3/sl6/x86_64/base/emi-release-3.0.0-2.el6.

Preparing...

emi-release

/tmp/org.glite.testsuites.ctb/CANL-C/tests

Loaded plugins: priorities, protectbase, security

206 packages excluded due to repository priority protections

0 packages excluded due to repository protections

Setting up Upgrade Process

Tests

TestPlan	N/A
Tests	http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/

Certificate file: none

gLite user: glite

Terminal width: 80

Output format: -x

Package wget-1.12-1.4.el6.x86_64 already installed and latest version

Package cvs-1.11.23-11.el6_2.1.x86_64 already installed and latest version

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/

`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/

`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert

`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates

`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/

```

/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> /etc/grid-security/certificates
/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> /etc/grid-security/
/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> /etc/grid-security/certificates
/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> /etc/grid-security/
/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> /etc/grid-security/certificates
/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> /etc/grid-security/
/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> /etc/grid-security/certificates
/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> /etc/grid-security/
/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.r0' -> /etc/grid-security/certificates
/tmp/test-certs.root/grid-security/certificates/c1d9b6d3.signing_policy' -> /etc/grid-security/
/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> /etc/grid-security/certificates/
/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> /etc/grid-security/cert
/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> /etc/grid-security/certificates
/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> /etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-ocsp.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

Mar 27 20:16:33 nympha7-2.zcu.cz canl-test-cert-handle.sh: start

Testing if binary of canl_proxy_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

Mar 27 20:16:33 nympha7-2.zcu.cz canl-test-cert-handle.sh: end

Mar 27 20:16:33 nympha7-2.zcu.cz canl-test-cs-openssl.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send **done**

Mar 27 20:16:44 nympha7-2.zcu.cz canl-test-cs-openssl.sh: end

Mar 27 20:16:44 nympha7-2.zcu.cz canl-test-sec-connection.sh: start

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexistent host certificates **done**

Testing server with nonexistent host key **done**

Testing server with nonexistent host cert and key **done**

```

Testing client: connect to server not running done
Testing client: use nonexisting proxy certificate done
Starting canl sample server done
CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send
sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]
received: This is a testing message to send done
server: waiting for connections... [SERVER] connection established with (null) [SERVER] Trying to send sth
to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received:
This is the testing message to se Mar 27 20:16:44 nympha7-2.zcu.cz canl-test-sec-connection.sh: end
Mar 27 20:16:44 nympha7-2.zcu.cz canl-test-sha2.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
done
Starting canl sample server done
server: waiting for connections... [SERVER] connection established with (null) [SERVER] Trying to send sth
to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received:
This is the testing message to se [CLIENT] connection established [CLIENT] Trying to send sth to the server
[CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a
testing message to send done
Mar 27 20:16:45 nympha7-2.zcu.cz canl-test-sha2.sh: end

```

```

=====
TESTS END HERE
=====

```

JAVA Part

```

[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for eu.eu-emi.securit
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-gpg-plugin is missing
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of y
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed
[WARNING]
[INFO]
[INFO] -----
[INFO] Building canl 1.2.0
[INFO] -----
[INFO]
[INFO] --- maven-enforcer-plugin:1.0:enforce (enforce-maven) @ canl ---
[INFO]
[INFO] --- maven-resources-plugin:2.5:resources (default-resources) @ canl ---
[debug] execute contextualize
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 1 resource
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:compile (default-compile) @ canl ---
[INFO] Compiling 138 source files to /home/golbi/unicore/GIT/canl-java/target/classes
[INFO]
[INFO] --- maven-resources-plugin:2.5:testResources (default-testResources) @ canl ---
[debug] execute contextualize
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 2164 resources
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:testCompile (default-testCompile) @ canl ---
[INFO] Compiling 33 source files to /home/golbi/unicore/GIT/canl-java/target/test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.10:test (default-test) @ canl ---

```

CaNIC-partEMI3Update1 < EMI < TWiki

[INFO] Surefire report directory: /home/golbi/unicore/GIT/canl-java/target/surefire-reports

----- T E S T S -----

Running eu.emi.security.authn.x509.proxy.ProxyGenerationTest

Running func:proxy-delegate functional test

Running func:proxy-make functional test

Running func:cli-srv-sha2 functional test

Running func:proxy-make-withCustomExt functional test

Running regression:proxy-time-overflow test

Got: 3511768099000

Should be earlier: 3511768098197

Should be later: 3511768100627

OK

OK

FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=267458702,CN=PDPTTest Server,O=T

Tests run: 10, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 4.84 sec

Running eu.emi.security.authn.x509.proxy.PathRetrievalTest

FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=1422116265,CN=limited rfc proxy

Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.23 sec

Running eu.emi.security.authn.x509.proxy.ExtensionsTest

Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0 sec

Running eu.emi.security.authn.x509.impl.CRLTest

Got connection

http://127.0.0.1:50085/crl.pem java.net.SocketTimeoutException: Read timed out

Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 2.891 sec

Running eu.emi.security.authn.x509.impl.V1CertValidationTest

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.062 sec

Running eu.emi.security.authn.x509.impl.CRLIfValidTest

Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:01 CET 2010, the reason repo

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=Invalid Revoked EE Certificate

Result (short): FAILED: Signature of a CRL corresponding to this certificate's CA is invalid Caus

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=Invalid Bad CRL Signature EE Ce

Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo

Result (full) : FAILED The following validation errors were found:

error at position 1 in chain, problematic certificate subject: CN=Revoked subCA,O=Test Certificat

Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:01 CET 2010, the reason repo

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=Invalid Revoked EE Certificate

Tests run: 7, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.077 sec

Running eu.emi.security.authn.x509.impl.CredentialsTest

Tests run: 11, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.341 sec

Running eu.emi.security.authn.x509.impl.X500NameUtilsTest

Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.029 sec

Running eu.emi.security.authn.x509.impl.TestFlexibleValidator

file:/home/golbi/unicore/GIT/canl-java/target/test-tmp/truststores/wrong.pem java.io.IOException:

file:/home/golbi/unicore/GIT/canl-java/target/test-tmp/truststores/wrong.pem java.io.IOException:

Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.517 sec

Running eu.emi.security.authn.x509.impl.OpenSSLValidatorTest

NOTIFICATION CA Certificate location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/g

NOTIFICATION CA Certificate location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/g

NOTIFICATION EUGridPMA namespace location: /home/golbi/unicore/GIT/canl-java/src/test/resources/g

NOTIFICATION EACL namespace (signing_policy) location: /home/golbi/unicore/GIT/canl-java/src/test

NOTIFICATION CA Certificate location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/g

NOTIFICATION EUGridPMA namespace location: /home/golbi/unicore/GIT/canl-java/src/test/resources/g

NOTIFICATION EACL namespace (signing_policy) location: /home/golbi/unicore/GIT/canl-java/src/test

NOTIFICATION CRL location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/glite-utilja

NOTIFICATION CRL location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/glite-utilja

CaNIC-partEMI3Update1 < EMI < TWiki

```
NOTIFICATION CRL location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/glite-utilja
NOTIFICATION CRL location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/glite-utilja
NOTIFICATION CRL location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/glite-utilja
NOTIFICATION CRL location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/glite-utilja
NOTIFICATION CRL location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/glite-utilja
NOTIFICATION CRL location: file:/home/golbi/unicore/GIT/canl-java/src/test/resources/glite-utilja
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.016 sec
Running eu.emi.security.authn.x509.impl.RolloverTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.007 sec
Running eu.emi.security.authn.x509.impl.NISTValidator01_5Test
Result (short): FAILED: Signature of a certificate is invalid: java.security.InvalidKeyException:
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Bad Signed CA,O=Test Certificat
Result (short): FAILED: Signature of a certificate is invalid: java.security.InvalidKeyException:
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid EE Signature Test3,O=Te
Result (short): FAILED: Signature of a certificate is invalid: java.security.InvalidKeyException:
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DSA Signature EE Certif
Result (short): FAILED: Certificate is not yet valid. Will be from: Tue Jan 01 13:01:00 CET 2047
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Bad notBefore Date CA,O=Test Ce
Result (short): FAILED: Certificate is not yet valid. Will be from: Tue Jan 01 13:01:00 CET 2047
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid EE notBefore Date EE Ce
Result (short): FAILED: Certificate has expired on: Sat Jan 01 09:30:00 CET 2011
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Bad notAfter Date CA,O=Test Cer
Result (short): FAILED: Certificate has expired on: Sat Jan 01 09:30:00 CET 2011
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid EE notAfter Date EE Cer
Result (short): FAILED: Certificate has expired on: Fri Jan 01 13:01:00 CET 1999
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid pre2000 UTC EE notAfter
error at position 0 in chain, problematic certificate subject: CN=Invalid pre2000 UTC EE notAfter
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Name Chaining EE Certif
error at position 0 in chain, problematic certificate subject: CN=Invalid Name Chaining EE Certif
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Name Chaining Order EE
error at position 0 in chain, problematic certificate subject: CN=Invalid Name Chaining Order EE
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Missing CRL EE Certific
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Revoked subCA,O=Test Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:01 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Revoked EE Certificate
Result (short): FAILED: Signature of a CRL corresponding to this certificate's CA is invalid Caus
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Bad CRL Signature EE Ce
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Bad CRL Issuer Name EE
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Wrong CRL EE Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Unknown CRL Entry Exten
Result (short): FAILED: CRL contains unknown critical extensions, the first one is 2.16.840.1.101
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Unknown CRL Extension E
```

CaNIC-partEMI3Update1 < EMI < TWiki

Result (short): FAILED: CRL contains unknown critical extensions, the first one is 2.16.840.1.101
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Unknown CRL Extension E
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Old CRL nextUpdate EE C
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid pre2000 CRL nextUpdate
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Negative Serial Number
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Long Serial Number EE C
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Separate Certificate an
Result (short): FAILED: Can not verify the CRL as its issuer's public key is unknown or can not b
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Separate Certificate an
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Basic Self-Issued Old W
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Basic Self-Issued New W
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Basic Self-Issued CRL S
Result (short): FAILED: Signature of a certificate is invalid: java.security.InvalidKeyException:
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Basic Self-Issued CRL S
Tests run: 54, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.549 sec
Running eu.emi.security.authn.x509.impl.NISTValidator06_12Test
Result (short): FAILED: The selected CA certificate does not contain the mandatory Basic Constrai
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Missing basicConstraints CA,O=T
Result (short): FAILED: The certificate is no CA certificate but used as one
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=basicConstraints Critical cA Fa
Result (short): FAILED: The certificate is no CA certificate but used as one
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=basicConstraints Not Critical c
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Issuer of the certificate is not eligible to sign certificates as its cer
Result (full) : FAILED The following validation errors were found:

CaNIC-partEMI3Update1 < EMI < TWiki

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error at position 1 in chain, problematic certificate subject: CN=keyUsage Critical keyCertSign F
Result (short): FAILED: Issuer of the certificate is not eligible to sign certificates as its cer
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=keyUsage Not Critical keyCertSi
Result (short): FAILED: CRL checking failed: issuer certificate does not permit CRL signing.
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid keyUsage Critical cRLSi
Result (short): FAILED: CRL checking failed: issuer certificate does not permit CRL signing.
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid keyUsage Not Critical c
Tests run: 22, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.172 sec
Running eu.emi.security.authn.x509.impl.CertificateUtilsTest
1.2.840.113549.1.1.5
SHA1WithRSAEncryption
-----BEGIN PRIVATE KEY-----
MIIEvAIBADANBgkqhkiG9w0BAQEFAASCbKYwggSiAgEAAoIBAQDE6zv5Nuq5B3X7
CVUQFB9Sy1pJCNFObt2MMcXJNBzreH+DiDsSGNiZt1B8vYGB1H5bASQdNPrX0kIv
Pz2NCAytjHz/AUmvua021ciLjbpwh21H4IElK85HH0bcgEcZW28+wh+6xBdFVhh2
HykIj61Sv51bkBVMvBKbla543SaJEK6xYINXpTN+dd+2p/K5SgSz8Ef8lnpY9ki
968+bLGAN6VwJ0wBC45XWWS5bJ0YGk4g1362wZ3Tii+VdgrrrPnPe4U6+bab/SxLD
iiye5kMC10h/1A65ZVur2M50lKSC+/SJ9Ut1uzaTAP2zfgsuEhNH+1pXld1tB/yK
bkGBh691AgMBAECCgEAUVHW2D12kyt+WZhruRMQwpoFVIYfS89NCKFqcz69M74U
z/2RDCV1DxIJQxG7vEkaVBDd+mN3iXLqJ+aWcZJDbNNDzG9pblhhi0165LV1I7MV
+I2rOFIEWFbnTTfHovVmLTCErRILQ9/zDmB2jZRFyBzDF1bb3AE0n4w+H4GnlKo
HIjTVyeuEU1J4OyYtC9ejaYpMP3Pqg9gOKmbAeqeYGroNCxuhvfyhPtW3gttF6xz
hnXaFpJjUwIyz6NUQ64v/2wqGo4INk5+c1+MfMe6OKK4CEkKL2gzK/pIUevNRMcd
GLE3Q4ZrBtKB7zubncEmhXe jPoAGi0DDMR5WnSbH4QKBgQDt2DLyrrVVEoQWo9H4
5/SA+FDm91G8FJ7OTWtWHw9n/tF3ay3pAW6QLWfLgZMkV1D65fq3hi/s588H+9E8
SL5vQ/LUkwmFa4LaB4xKGXhu/3p5Q+ovRiC4dwc/qfj9W6oN7SfARz0CZuZ35Q6R
afzD7sydnxipmFFN3tlc2f0UjQKBgQDT80stOWlXvXmy6Fi1+anaVMY99Q5yrDAM
eaqL2p8/hHKSqnwm9Pwnoutd+6GFaiUkWi93Z4CCB4dag6LS0S36CW0MgGR3mMiK
B1clNIhek7xbv7+T59IarEJn56o1+lFAyXZJuv1CrJElBPwtM0IkZw5/FiQ4mFIP
CL/XkwJwiQKBgCxnG9NuX0o0Q7Qv2VliYxFuryYuXuQIdzf4Bakp6eW1+fAjX47J
/H0QaAfVziXTigvhsFxxkuyKGXvKeve9boVT6NA3SQXC/gMT5qPDYY61RGs/hjYVe
mU00Jn5+0219nGQxqzjOTBfZcM4eNSNyuWkJXsVxL9fPDj3R52y7Eb+1AoGARFpNy
buU9RyQwQnvcQ1+Mt1D/cwpdOVRwDp9JsVnkmXcxEioJXWQ862LJz7wkrJbWn436
BJHacHaixgIw6wrIO6b1pivihk liegk Jg0IlXyIVGoa8ghXfem607bum2QqAluS5
aiU/GUovuKx0h3k2/UFFRHagMwrfKaVfSXi+QoECgYAdQAiiCKsAAMI/7FYS8ORc
e60vojIDcDKFMYEXbEyasa4zfb+IEh3JGhh/7qWvjUFDdJ+d7UovnhwBMMOcd7XX
gWgNEF9uBUdFkFB5atTgL8mCazZ3+S0j9hMohH8HEuMqT+ZPZXmtekriIU1jtYFV
4nxOYwcFJPob24b4ZIF3rg==
-----END PRIVATE KEY-----
-----BEGIN CERTIFICATE-----
MIIDzjCCARagAwIBAgIJAKf7A/BpqXqDMA0GCSqGSIb3DQEBBQUAMEYx CzA JBgNV
BAYTAKVVMR0wGwYDVQQKDBRUZXN0aW5nIE9yZ2FuaXphdGlvbjEYMBYGA1UEAwP
VU5JQ09SR5BURVNU1ENBMB4XDTEwMTIxMDIyMTIwMTIyMjM0MTIwMTIyMjM0MTIw
XDELMaKGA1UEBHMCRVUxFTATBgNVBACMDFRlc3RpbmcgQ210eTEEdMBsGA1UECgwU
VGVzdGluZyBpcmdhbm16YXRpb24xZjZAVBgnVBAMMD1BEUFRlc3QgU2VydmVYMIIB
IjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAXos7+TbquQdl+w1VEBQfUsta
SQjRIm7djdHFyTQC63h/g4g7EhYmbZQfL2BgdR+WwEkHTT619JCLz89jQgMrY4W
fwFJr7mtNpXi426cIdpR+CBJSvORx9G3IBHGvtvPsIfusQXRvYydh8pCI+pUr+d
W5AVTLwSm5WueN0miRCusWCDV6UzfnXftqfyuUsoEs/BH/JZ6WPZiVevPmyxgDel
cCdMAQuOV11rOWydGBpOINd+tsGd04ovlXYK6z5z3uF0vm2m/0sSw4osnuZDatTo
f5QOuWVbq9j0Tpskgvv0ifVLdbs2kwD9s34LLhITR/taV5XdbQf8im5BgYevdQID
AQABo4GomIGlMAKGA1UdEwQCAAwEQYJYIZIAyB4QgEBBAQDAgTWMAsGA1UdDwQE
AwIE8DA4BglghkgBhvhCAQ0EKxYpQ2VydGlmawNhdGUgZ2VuZVZhdGVkIGZvcjBV
TkldT1JFIFRlRlU1RjTkcwHQYDVR0OBBYEFBSs0bvfk4QbcwBDST5ekodEkp2wMB8G
A1UdIwQYMBaAFGLAoCwsVkcCrZ8AKC5zrFz+R/S8MA0GCSqGSIb3DQEBBQUAA4IB
AQA/lfTnE5dEN61Amh7ZfUnFFo5+qmJYI9uezeyoNnXVTE1xXL5J7cPWMD+6CsJx
W/mwrN1Ha1zmyN56IGcMNVAJC4drkXn15+lfqRhCj7+5JN7ODDgZz8BT734eFxPm
heYP6ZI/DKWF4gGfVw0p8aAV0HgCkrdeYUXcZ9KZok1ilvgfW5ewWF7fxukd0LxP
wdArqN6njvr0Jy2/x/6KS08SHTzPpQPgnTiAxzIxP90Q3PA4DipYtEwy9LImZApt
jqoplTPI+1jhxJERbRNOU+W5pBamoWeyxeXfSDyowbXl3ZEPiz9B6HCLh/aONbIa
HH0YVE9byTfxuKfjiF1dgvVe
-----END CERTIFICATE-----
-----BEGIN CERTIFICATE-----
MIIDfzCCAmeGAwIBAgIJAKf7A/BpqXqCMA0GCSqGSIb3DQEBBQUAMEYx CzA JBgNV
```


CaNIC-partEMI3Update1 < EMI < TWiki

BAYTAKVVMR0wGwYDVQQKDBRUZXN0aW5nIE9yZ2FuaXphdGlvbjEYMBYGA1UEAwWP
VU5JQ09SR5BURVNUIEENBMB4XDTEwMTIxMDIyMjAwNl0XDTEzMTIwOTIyMjAwNl0w
RjELMAKGA1UEBhMCRVUxHTAbBgNVBAoMFFRlc3RpbmcgT3JnYW5pemF0aW9uMRGw
FgYDVQQDDA9VTklDT1JFIFRFRU1QgQ0EwgEiMA0GCSqGSIb3DQEBAQUAA4IBDwAw
ggEKAoIBAQDfshnTiMvByC2zwn0c4RINPKM5vEs1b8NuDYtia29IxSruAG2kwGTG
PI3TFpxPZ6X+m9Xr8ImFnx5zzKdWlM62jvaaEUzsBIWV5VnrAszXF9oeYFnLi2uu
wmAyZW/Nj8IBPuwUOmteJlup1CaKoF19FNpwSvi8CXZgTEzAr6QbhDDloeB9EkQL
loiEnhEJrahIYF+WIZ5j2TA2fcANCIGkN/iwKHMxACrnlBwlJ/qZ+PkbuCebnW3W
sWkCJTfator6UnXq+5XUVqY7XYcIY1A/ouAOnC+r+/wPmqT2VfgLpPBfpvyqZ5fc
bqOhK2fajV00E66DROjEZZq7aQLLIA1RAgMBAAGjcDBuMB0GA1UdDgQWBBRiWkAs
LFZAnEWfACguc6xc/kf0vDAfBgNVHSMEGDAWgBRiWkAsLFZAnEWfACguc6xc/kf0
vDAMBgNVHRMEBTADAQH/MASGA1UdDwQEAWIBxjARBglghkgBhvhCAQEEBAMCAQYw
DQYJKoZIhvcNAQEFBQADggEBAKd8/2aeVc+vYQRuNviec5mLTzfPGzE6PmLWKeum
bu5dsnBhdNM/thSl5Y8co3smHPbTOZx07I5znKdnRWv7xn23ouQCMktoQXHZ6n5I
YlT87/vkNXyAwJUytsfamHobdbOvC8bLzP228ZmE7XLZK5fXE3OuAwVpKzOnwo/U
wW4YxJt3Qs7usfzizp5JYcgyKRr/o3aKpiqtaPeoWJotQ0FZyBaOtPgnKn7DUGUZ
NaaFYQq/ouf8qiSodBGir3XjeTV71ezcdF1NN8wUBTTFJAW5Y0LeNrGbbq5jjLnuj
rB0AbLImY4pZC+DJwpOfUgwhC8AcjcbB9yid6XsMnCN0qQ=
-----END CERTIFICATE-----

1024

-----COMPACT

X.509 v3 certificate

Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU

X.509 v3 certificate, Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU, Issuer: CN=UNICORE

-----MEDIUM

X.509 v3 certificate

Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Valid from: Fri Dec 10 23:20:06 CET 2010

Valid to: Mon Dec 09 23:20:06 CET 2013

X.509 v3 certificate, Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU, Issuer: CN=UNICORE

-----FULL

X.509 v3 certificate

Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Valid from: Fri Dec 10 23:20:06 CET 2010

Valid to: Mon Dec 09 23:20:06 CET 2013

CA: true

Signature alg: SHA1WithRSAEncryption

Public key type: RSA 2048bit

Allowed usage: digitalSignature nonRepudiation keyCertSign CRLSign

Serial number: 12104272754588088962

Certificate chain, 3 elements:

-----Certificate 1-----

X.509 v3 certificate

Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Valid from: Fri Dec 10 23:20:06 CET 2010

Valid to: Mon Dec 09 23:20:06 CET 2013

-----Certificate 2-----

X.509 v3 certificate

Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Valid from: Fri Dec 10 23:20:06 CET 2010

Valid to: Mon Dec 09 23:20:06 CET 2013

-----Certificate 3-----

X.509 v3 certificate

Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU

Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU

CaNIC-partEMI3Update1 < EMI < TWiki

Valid from: Fri Dec 10 23:20:06 CET 2010

Valid to: Mon Dec 09 23:20:06 CET 2013

Tests run: 11, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.161 sec

Running eu.emi.security.authn.x509.impl.GLiteValidatorTest

Test Case: trusted-certs/trusted_client

Test Case: trusted-certs/trusted_client_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax

error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax

Test Case: trusted-certs/trusted_clientserver

Test Case: trusted-certs/trusted_clientserver_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU

error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU

Test Case: trusted-certs/trusted_fclient

Test Case: trusted-certs/trusted_fclient_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=

error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=

Test Case: trusted-certs/trusted_none

Test Case: trusted-certs/trusted_none_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat

error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat

Test Case: trusted-certs/trusted_server

Test Case: trusted-certs/trusted_server_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=

error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=

Test Case: trusted-certs/trusted_client_rev

Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:39 CET 2010, the reason repo

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted client revoked,OU=Relax

Test Case: trusted-certs/trusted_clientserver_rev

Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:54 CET 2010, the reason repo

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted clientserver revoked,OU

Test Case: trusted-certs/trusted_fclient_rev

Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:53 CET 2010, the reason repo

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted flag client revoked,OU=

Test Case: trusted-certs/trusted_none_rev

Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:54 CET 2010, the reason repo

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted none revoked,OU=Relaxat

Test Case: trusted-certs/trusted_server_rev

Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:53 CET 2010, the reason repo

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted server revoked,OU=Relax

Test Case: trusted-certs/trusted_client_exp.proxy.grid_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 1 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax

error at position 1 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax

Test Case: trusted-certs/trusted_client.proxy.grid_proxy

Test Case: trusted-certs/trusted_client.proxy_exp.grid_proxy

Result (short): FAILED: Certificate has expired on: 15.12.10 18:37

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela

Test Case: trusted-certs/trusted_clientserver_exp.proxy.grid_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010

CaNIC-partEMI3Update1 < EMI < TWiki

Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=
Test Case: trusted-certs/trusted_clientserver.proxy.grid_proxy
Test Case: trusted-certs/trusted_clientserver.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted clientserver,O
Test Case: trusted-certs/trusted_fclient_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted flag client expired,OU=
error at position 1 in chain, problematic certificate subject: CN=trusted flag client expired,OU=
Test Case: trusted-certs/trusted_fclient.proxy.grid_proxy
Test Case: trusted-certs/trusted_fclient.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted flag client,OU=
Test Case: trusted-certs/trusted_none_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat
error at position 1 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat
Test Case: trusted-certs/trusted_none.proxy.grid_proxy
Test Case: trusted-certs/trusted_none.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted none,OU=Relaxa
Test Case: trusted-certs/trusted_server_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted flag server expired,OU=
error at position 1 in chain, problematic certificate subject: CN=trusted flag server expired,OU=
Test Case: trusted-certs/trusted_server.proxy.grid_proxy
Test Case: trusted-certs/trusted_server.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted server,OU=Rela
Test Case: trusted-certs/trusted_client.proxy_rfc.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc_plen.proxy_rfc.proxy_rfc.grid_proxy
Result (short): FAILED: At the current position the proxy certificates chain exceeded its length
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=rfc proxy,CN=rfc proxy,CN=rfc p
Test Case: trusted-certs/trusted_client.proxy_rfc_plen.proxy_rfc.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc_lim.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc.proxy.grid_proxy
Result (short): FAILED: The proxy chain contains proxy certificates of different types (RFC/legac
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=rfc proxy,CN=trusted c
Test Case: trusted-certs/trusted_client.proxy_rfc_lim.proxy_rfc.grid_proxy
Result (short): FAILED: The proxy chain contains an unlimited proxy certificate after a limited p
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=rfc proxy,CN=limited rfc proxy,
Test Case: trusted-certs/trusted_client.proxy_rfc.proxy_rfc_lim.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc_anyp.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc_indep.grid_proxy
Test Case: trusted-certs/trusted_client_rev.proxy.grid_proxy
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:39 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted client revoked,OU=Relax
Test Case: trusted-certs/trusted_clientserver_rev.proxy.grid_proxy
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:54 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver revoked,OU
Test Case: trusted-certs/trusted_fclient_rev.proxy.grid_proxy
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:53 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:

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error at position 1 in chain, problematic certificate subject: CN=trusted flag client revoked,OU=
Test Case: trusted-certs/trusted_none_rev.proxy.grid_proxy
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:54 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted none revoked,OU=Relaxat
Test Case: trusted-certs/trusted_server_rev.proxy.grid_proxy
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:53 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted server revoked,OU=Relax
Test Case: fake-certs/fake_client
Result (short): FAILED: No trusted CA certificate was found for the certificate chain
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found for t
error at position 0 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto
error at position 0 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto
Test Case: fake-certs/fake_client.proxy
Result (short): FAILED: Issuing end entity certificate was not found in the chain with proxy cert
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: INCONSISTENT_PROXY_CHAIN): Issuing end entity certifi
Test Case: fake-certs/fake_client.proxy.grid_proxy
Result (short): FAILED: No trusted CA certificate was found for the certificate chain
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=fake client,OU=Relaxat
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto
error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found for t
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto
Test Case: trusted-certs/trusted_client.proxy_dnerror2.grid_proxy
Result (short): FAILED: The proxy subject without its last CN component is not equal to its issue
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=
Test Case: trusted-certs/trusted_client.proxy_dnerror.grid_proxy
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=dnerror proxy,CN=trusted client
error at position 1 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=
Test Case: trusted-certs/trusted_client.proxy_dnerror.proxy.grid_proxy
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=dnerror proxy,CN=trusted client
error at position 2 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=
Test Case: trusted-certs/trusted_client.proxy.proxy_dnerror.grid_proxy
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=dnerror proxy,CN=proxy,CN=trust
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela
error at position 2 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=
Test Case: trusted-certs/trusted_client.proxy_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela
Test Case: trusted-certs/trusted_client.proxy_exp.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=proxy,CN=trusted clien
Test Case: trusted-certs/trusted_client.proxy.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=proxy,CN=trusted clien
Test Case: trusted-certs/trusted_client.proxy.proxy.grid_proxy
Test Case: trusted-certs/trusted_bigclient
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.grid_proxy

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Test Case: subsubca-certs/subsubca_client.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.grid_proxy
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:38:16 CET 2010, the reason reported:
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=subsubca client revoked,OU=Relaxation
Test Case: subsubca-certs/subsubca_client_rev.proxy.proxy.grid_proxy
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:38:16 CET 2010, the reason reported:
Result (full) : FAILED The following validation errors were found:
error at position 2 in chain, problematic certificate subject: CN=subsubca client revoked,OU=Relaxation
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.proxy.grid_proxy
Test Case: big-certs/big_client.proxy.grid_proxy
Test Case: big-certs/big_client.proxy.proxy.grid_proxy
Test Case: trusted-certs/trusted_client
Test Case: trusted-certs/trusted_client_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relaxation
Test Case: trusted-certs/trusted_clientserver
Test Case: trusted-certs/trusted_clientserver_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relaxation
Test Case: trusted-certs/trusted_fclient
Test Case: trusted-certs/trusted_fclient_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relaxation
Test Case: trusted-certs/trusted_none
Test Case: trusted-certs/trusted_none_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxation
Test Case: trusted-certs/trusted_server
Test Case: trusted-certs/trusted_server_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relaxation
Test Case: trusted-certs/trusted_client_rev
Test Case: trusted-certs/trusted_clientserver_rev
Test Case: trusted-certs/trusted_fclient_rev
Test Case: trusted-certs/trusted_none_rev
Test Case: trusted-certs/trusted_server_rev
Test Case: trusted-certs/trusted_client_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted client expired,OU=Relaxation
Test Case: trusted-certs/trusted_client.proxy.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Relaxation
Test Case: trusted-certs/trusted_clientserver_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relaxation
Test Case: trusted-certs/trusted_clientserver.proxy.grid_proxy
Test Case: trusted-certs/trusted_clientserver.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted clientserver,OU=Relaxation
Test Case: trusted-certs/trusted_fclient_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relaxation
Test Case: trusted-certs/trusted_fclient.proxy.grid_proxy
Test Case: trusted-certs/trusted_fclient.proxy_exp.grid_proxy

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Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted flag client,OU=Relaxation
Test Case: trusted-certs/trusted_none_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxation
Test Case: trusted-certs/trusted_none.proxy.grid_proxy
Test Case: trusted-certs/trusted_none.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted none,OU=Relaxation
Test Case: trusted-certs/trusted_server_exp.proxy.grid_proxy
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relaxation
Test Case: trusted-certs/trusted_server.proxy.grid_proxy
Test Case: trusted-certs/trusted_server.proxy_exp.grid_proxy
Result (short): FAILED: Certificate has expired on: 15.12.10 18:37
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted server,OU=Relaxation
Test Case: trusted-certs/trusted_client.proxy_rfc.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc_plen.proxy_rfc.proxy_rfc.grid_proxy
Result (short): FAILED: At the current position the proxy certificates chain exceeded its length
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=rfc proxy,CN=rfc proxy,CN=rfc proxy,OU=Relaxation
Test Case: trusted-certs/trusted_client.proxy_rfc_plen.proxy_rfc.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc_lim.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc.proxy.grid_proxy
Result (short): FAILED: The proxy chain contains proxy certificates of different types (RFC/legacy)
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=rfc proxy,CN=trusted client,OU=Relaxation
Test Case: trusted-certs/trusted_client.proxy_rfc_lim.proxy_rfc.grid_proxy
Result (short): FAILED: The proxy chain contains an unlimited proxy certificate after a limited proxy certificate
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=rfc proxy,CN=limited rfc proxy,OU=Relaxation
Test Case: trusted-certs/trusted_client.proxy_rfc.proxy_rfc_lim.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc_anyp.grid_proxy
Test Case: trusted-certs/trusted_client.proxy_rfc_indep.grid_proxy
Test Case: trusted-certs/trusted_client_rev.proxy.grid_proxy
Test Case: trusted-certs/trusted_clientserver_rev.proxy.grid_proxy
Test Case: trusted-certs/trusted_fclient_rev.proxy.grid_proxy
Test Case: trusted-certs/trusted_none_rev.proxy.grid_proxy
Test Case: trusted-certs/trusted_server_rev.proxy.grid_proxy
Test Case: fake-certs/fake_client
Result (short): FAILED: No trusted CA certificate was found for the certificate chain
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found for the certificate chain
error at position 0 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Utopia
Test Case: fake-certs/fake_client.proxy
Result (short): FAILED: Issuing end entity certificate was not found in the chain with proxy certificate
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: INCONSISTENT_PROXY_CHAIN): Issuing end entity certificate not found in the chain
Test Case: fake-certs/fake_client.proxy.grid_proxy
Result (short): FAILED: No trusted CA certificate was found for the certificate chain
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=fake client,OU=Relaxation
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Utopia
error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found for the certificate chain
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Utopia
Test Case: trusted-certs/trusted_client.proxy_dnerror2.grid_proxy
Result (short): FAILED: The proxy subject without its last CN component is not equal to its issuer
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=Utopia
Test Case: trusted-certs/trusted_client.proxy_dnerror.grid_proxy
Result (short): FAILED: The selected CA certificate does not contain the mandatory Basic Constraints extension
Result (full) : FAILED The following validation errors were found:

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error at position 1 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=

Test Case: trusted-certs/trusted_client.proxy_dnerror.proxy.grid_proxy

Result (short): FAILED: The selected CA certificate does not contain the mandatory Basic Constrai

Result (full) : FAILED The following validation errors were found:

error at position 2 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=

Test Case: trusted-certs/trusted_client.proxy.proxy_dnerror.grid_proxy

Result (short): FAILED: The certificate is no CA certificate but used as one

Result (full) : FAILED The following validation errors were found:

error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela

error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela

error at position 2 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=

Test Case: trusted-certs/trusted_client.proxy_exp.proxy.grid_proxy

Result (short): FAILED: Certificate has expired on: 15.12.10 18:37

Result (full) : FAILED The following validation errors were found:

error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela

Test Case: trusted-certs/trusted_client.proxy_exp.proxy_exp.grid_proxy

Result (short): FAILED: Certificate has expired on: 15.12.10 18:37

Result (full) : FAILED The following validation errors were found:

error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela

error at position 0 in chain, problematic certificate subject: CN=proxy,CN=proxy,CN=trusted clien

Test Case: trusted-certs/trusted_client.proxy.proxy_exp.grid_proxy

Result (short): FAILED: Certificate has expired on: 15.12.10 18:37

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=proxy,CN=proxy,CN=trusted clien

Test Case: trusted-certs/trusted_client.proxy.proxy.grid_proxy

Test Case: trusted-certs/trusted_bigclient

Test Case: subsubca-certs/subsubca_fullchainclient.proxy.grid_proxy

Test Case: subsubca-certs/subsubca_fullchainclient.proxy.proxy.grid_proxy

Test Case: subsubca-certs/subsubca_client.proxy.grid_proxy

Test Case: subsubca-certs/subsubca_client.proxy.proxy.grid_proxy

Test Case: subsubca-certs/subsubca_client_rev.proxy.grid_proxy

Test Case: subsubca-certs/subsubca_client_rev.proxy.proxy.grid_proxy

Test Case: subsubca-certs/subsubca_clientbaddn.proxy.grid_proxy

Test Case: subsubca-certs/subsubca_clientbaddn.proxy.proxy.grid_proxy

Test Case: big-certs/big_client.proxy.grid_proxy

Test Case: big-certs/big_client.proxy.proxy.grid_proxy

Test Case: trusted-certs/trusted_client

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=

Test Case: trusted-certs/trusted_client_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax

error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax

Test Case: trusted-certs/trusted_clientserver

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted clientserver,OU=Relaxat

Test Case: trusted-certs/trusted_clientserver_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=

error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=

Test Case: trusted-certs/trusted_fclient

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted flag client,OU=Relaxati

Test Case: trusted-certs/trusted_fclient_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=

error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=

Test Case: trusted-certs/trusted_none

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f

Result (full) : FAILED The following validation errors were found:

error at position 0 in chain, problematic certificate subject: CN=trusted none,OU=Relaxation,O=UT

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Test Case: trusted-certs/trusted_none_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat
error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat
Test Case: trusted-certs/trusted_server
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted server,OU=Relaxation,O=
Test Case: trusted-certs/trusted_server_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=
error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=
Test Case: trusted-certs/trusted_client_rev
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted client revoked,OU=Relax
Test Case: trusted-certs/trusted_clientserver_rev
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver revoked,OU
Test Case: trusted-certs/trusted_fclient_rev
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted flag client revoked,OU=
Test Case: trusted-certs/trusted_none_rev
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted none revoked,OU=Relaxat
Test Case: trusted-certs/trusted_server_rev
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted server revoked,OU=Relax
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.proxy.grid_proxy
Test Case: slash-certs/slash_client_slash
Tests run: 7, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.891 sec
Running eu.emi.security.authn.x509.impl.TestKSValidators
L1: error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found f
L1: error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxatio
L1: error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found f
L2: error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found f
L1: error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxatio
L2: error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxatio
```


CaNIC-partEMI3Update1 < EMI < TWiki

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L2: error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found for
L2: error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxatio
Unknown location (certificate retrieved from keystore) java.lang.Exception: Trusted CA certificat
target/test-tmp/truststores/work.jks null
Unknown location (certificate retrieved from keystore) java.lang.Exception: Trusted CA certificat
target/test-tmp/truststores/work.jks null
target/test-tmp/truststores/work.jks java.io.FileNotFoundException: target/test-tmp/truststores/w
target/test-tmp/truststores/work.jks java.io.FileNotFoundException: target/test-tmp/truststores/w
FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found for t
error at position 0 in chain, problematic certificate subject: CN=HTTPClient,O=Testing Organizati
Tests run: 9, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.546 sec
Running eu.emi.security.authn.x509.impl.HostnameCheckerTest
[^\.]*\Q\E[^\.]*\Q.aaa.\E[^\.]*\Qdd.ss\E[^\.]*\Q.\E[^\.]*\Q.dd\E[^\.]*\Qdd\E[^\.]*\Q.
false
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.007 sec
Running eu.emi.security.authn.x509.impl.NISTValidator13_16Test
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test2,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate contains the email address 4: C=US,O=Test Certificates 20
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test7,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test8,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test9,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test10,OU
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test12,OU
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test13,OU
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test15,OU
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test16,OU
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test17,OU
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: Can not verify the CRL as its issuer's public key is unknown or can not b
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=nameConstraints DN1 CA,O=Test C
error at position 0 in chain, problematic certificate subject: CN=nameConstraints DN1 CA,O=Test C
Result (short): FAILED: The certificate contains the email address 1: Test22EE@testcertificates.g
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid RFC822 nameConstraints
Result (short): FAILED: The certificate contains the email address 1: Test24EE@mailserver.testcer
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid RFC822 nameConstraints
Result (short): FAILED: The certificate contains the email address 1: Test26EE@testcertificates.g
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid RFC822 nameConstraints
Result (short): FAILED: The certificate contains the email address 1: Test28EE@invalidcertificate
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN and RFC822 nameConst
Result (short): FAILED: The certificate DN 1.2.840.113549.1.9.1=#1620546573743239454540696e76616c
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CaNIC-partEMI3Update1 < EMI < TWiki

Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: EMAILADDRESS=Test29EE@invalidcertifi
Result (short): FAILED: The certificate contains the email address 2: testserver.invalidcertifica
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DNS nameConstraints EE
Result (short): FAILED: The certificate contains the email address 2: invalidcertificates.gov whi
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DNS nameConstraints EE
Result (short): FAILED: The certificate contains the email address 6: http://testcertificates.gov
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid URI nameConstraints EE
Result (short): FAILED: The certificate contains the email address 6: ftp://invalidcertificates.g
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid URI nameConstraints EE
Result (short): FAILED: The certificate contains the email address 2: mytestcertificates.gov whic
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DNS nameConstraints EE
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce
Result (short): FAILED: Did not find a matching certificate CRL issuing distribution point name t
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce
Result (short): FAILED: Did not find a matching certificate CRL issuing distribution point name t
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce
Result (short): FAILED: Did not find a matching certificate CRL issuing distribution point name t
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce
Result (short): FAILED: CRL checking failed: CRL for CA certificate only contains user certificat
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid onlyContainsUserCerts E
Result (short): FAILED: CRL checking failed: CRL for end certificate only contains CA certificate
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid onlyContainsCACerts EE
Result (short): FAILED: CRL checking failed: CRL only contains attribute certificates.
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid onlyContainsAttirubteCe
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid onlySomeReasons EE Cert
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid onlySomeReasons EE Cert
Result (short): FAILED: No valid CRL was found for the CA which issued the chain
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid onlySomeReasons EE Cert
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid onlySomeReasons EE Cert
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid IDP with indirectCRL EE
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid IDP with indirectCRL EE
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:

CaNIC-partEMI3Update1 < EMI < TWiki

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error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: Did not find a matching certificate CRL issuing distribution point name t
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRLIndicator No Ba
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: Certificate was revoked at: Tue Jun 01 10:30:00 CEST 2010, the reason rep
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: Unknown critical extension was found: 2.16.840.1.101.2.1.12.2
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Unknown Critical Certif
Tests run: 84, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.44 sec
Running eu.emi.security.authn.x509.impl.TestSSLHelpers
Running func:cli-srv functional test
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.147 sec
Running eu.emi.security.authn.x509.impl.OpensslNamesTest
2.5.4.3.3.2.222=#030300FEFF
/2.5.4.3.3.2.222=\xFE\xFF
/2.5.4.3.3.2.222=\xFE\xFF
CN=qweó&#322;&#261;
/CN=qwe\xC3\xB3\xC5\x82\xC4\x85
/CN=qwe\xC3\xB3\xC5\x82\xC4\x85
2.5.4.3.3.2.222=#0381800081828384858687888898A8B8C8D8E8F909192939495969798999A9B9C9D9E9FA0A1A2A3A4
/CN=Krzys/O=ICM/C=PL/2.5.4.3.3.2.222=",\+=<>;ala\xC3\xB3\xC5\x82\xC4\x85\xC5\x9B\xC4\x87/O=org2/2
/CN=Krzys/O=ICM/C=PL/2.5.4.3.3.2.222=",\+=<>;ala\xC3\xB3\xC5\x82\xC4\x85\xC5\x9B\xC4\x87/O=org2/2
EMAIL=a@b,E=b@c,EMAILADDRESS=c@d,generation=2nd
/generationQualifier=2nd/emailAddress=c@d/emailAddress=b@c/emailAddress=a@b
/generationQualifier=2nd/EMAILADDRESS=c@d/EMAILADDRESS=b@c/EMAILADDRESS=a@b
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.001 sec
Running eu.emi.security.authn.x509.impl.OpensslValidatorStressTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 2.155 sec
Running eu.emi.security.authn.x509.ns.OpensslDirTest
-----
TEST 1

0) got result: OK
1) got result: OK
2) got result: OK
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: OK
5) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: OK
8) got result: OK
```

CaNIC-partEMI3Update1 < EMI < TWiki

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9) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
-----
TEST 2

0) got result: OK
1) got result: OK
2) got result: OK
3) got result: OK
4) got result: OK
5) got result: OK
6) got result: OK
7) got result: OK
8) got result: OK
9) got result: OK
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
-----
TEST 3

0) got result: OK
1) got result: OK
2) got result: OK
3) got result: OK
4) got result: OK
5) got result: OK
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: OK
8) got result: OK
9) got result: OK
10) got result: OK
-----
TEST 4

0) got result: OK
1) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
2) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
5) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: OK
8) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
9) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
-----
TEST 5

0) got result: OK
1) got result: OK
2) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: FAILED The following validation errors were found:
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CaNIC-partEMI3Update1 < EMI < TWiki

error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
5) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
8) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
9) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:

TEST 6

0) got result: OK
1) got result: OK
2) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: OK
5) got result: OK
6) got result: OK
7) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
8) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
9) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:

TEST 7

0) got result: OK
1) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
2) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
5) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: OK
8) got result: OK
9) got result: OK
10) got result: OK

TEST 8

0) got result: OK
1) got result: OK
2) got result: OK
3) got result: OK
4) got result: OK
5) got result: OK
6) got result: OK
7) got result: OK
8) got result: OK
9) got result: OK
10) got result: OK

 TEST 9

```

0) got result: OK
1) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
2) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
5) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
8) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
9) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.674 sec
Running eu.emi.security.authn.x509.ns.NamespacesParserTest
Testing file 7f4db168.namespaces
Testing file 90064a82.namespaces
Testing file ff430c7f.namespaces
Testing file 12d0da68.namespaces
Testing file 075047ca.namespaces
Testing file f57f9e36.namespaces
Testing file 03b260e0.namespaces
Testing file d9be2151.namespaces
Testing file e8d818e6.namespaces
Testing file 156a0f0f.namespaces
Testing file cd536adc.namespaces
Testing file 20b7db76.namespaces
Testing file d1b603c3.namespaces
Testing file 1c3f2ca8.namespaces
Testing file 9d772be7.namespaces
Testing file c2868627.namespaces
Testing file 7b54708e.namespaces
Testing file d0c2a341.namespaces
Testing file 393f7863.namespaces
Testing file bb01cea1.namespaces
Testing file 0119347c.namespaces
Testing file d87163a8.namespaces
Testing file d254cc30.namespaces
Testing file f2e89fe3.namespaces
Testing file a47867ef.namespaces
Testing file 3839294d.namespaces
Testing file 0a49430a.namespaces
Testing file 9b95bbf2.namespaces
Testing file dd9d2a1a.namespaces
Testing file 6e3b436b.namespaces
Testing file 3232b9bc.namespaces
Testing file 5dda73d8.namespaces
Testing file e2023333.namespaces
Testing file d38446c5.namespaces
Testing file 7022e3c4.namespaces
Testing file 84df5188.namespaces
Testing file 585d9326.namespaces
Testing file e13e0fcf.namespaces
Testing file b7bcb7b2.namespaces

```

Testing file 9b59ecad.namespaces
Testing file 3c58f906.namespaces
Testing file 157753a5.namespaces
Testing file cc5645bd.namespaces
Testing file 86b6fa2c.namespaces
Testing file dd51b42a.namespaces
Testing file b874affe.namespaces
Testing file 9cd75e87.namespaces
Testing file 3fb4d8a6.namespaces
Testing file 83676c6b.namespaces
Testing file 60ef89df.namespaces
Testing file 9036db5e.namespaces
Testing file 709bed08.namespaces
Testing file 0a2bac92.namespaces
Testing file 28776852.namespaces
Testing file 2376bd8e.namespaces
Testing file 55994d72.namespaces
Testing file 6a13d748.namespaces
Testing file 2c0df5ae.namespaces
Testing file ee64a828.namespaces
Testing file dfcb9731.namespaces
Testing file 9ff26ea4.namespaces
Testing file 742edd45.namespaces
Testing file 089450c2.namespaces
Testing file bdf45114.namespaces
Testing file 09ff08b7.namespaces
Testing file 16da7552.namespaces
Testing file 02a45931.namespaces
Testing file 74c6eae8.namespaces
Testing file e5cc84c2.namespaces
Testing file 0a12b607.namespaces
Testing file ba2f39ca.namespaces
Testing file 722e5071.namespaces
Testing file bffbd7d0.namespaces
Testing file 4d654d1d.namespaces
Testing file d71343e8.namespaces
Testing file 10718cba.namespaces
Testing file 1149214e.namespaces
Testing file bca425d1.namespaces
Testing file da75f6a8.namespaces
Testing file 30feecdf.namespaces
Testing file ff783690.namespaces
Testing file 94b468c6.namespaces
Testing file 0e635db3.namespaces
Testing file 9629661e.namespaces
Testing file 3f0f4285.namespaces
Testing file 7cef5492.namespaces
Testing file 18bc5b05.namespaces
Testing file 13ba0088.namespaces
Testing file 8c13c962.namespaces
Testing file 4ce1cf99.namespaces
Testing file 99f9f5a3.namespaces
Testing file 8a047de1.namespaces
Testing file 617ff41b.namespaces
Testing file 2ac09305.namespaces
Testing file fc1898ec.namespaces
Testing file 24c3ccde.namespaces
Testing file 8a661490.namespaces
Testing file 7721d4d3.namespaces
Testing file 87429ba3.namespaces
Testing file 5bb7d63e.namespaces
Testing file d0cd0b27.namespaces
Testing file 163af95c.namespaces
Testing file 2418a3f3.namespaces
Testing file d492aff2.namespaces
Testing file 3de400d0.namespaces
Testing file 25694cc4.namespaces

Testing file d072977b.namespaces
Testing file c48c63f3.namespaces
Testing file 28a58577.namespaces
Testing file 7d0d064a.namespaces
Testing file ff94d436.namespaces
Testing file b38b4d8c.namespaces
Testing file ce33db76.namespaces
Testing file 8e6538d2.namespaces
Testing file 2f3fadf6.namespaces
Testing file 080911ac.namespaces
Testing file 727146a8.namespaces
Testing file 7ed47087.namespaces
Testing file e21dc0c0.namespaces
Testing file 5a68802a.namespaces
Testing file d11f973e.namespaces
Testing file 468d15b3.namespaces
Testing file 6cad3d39.namespaces
Testing file a9082267.namespaces
Testing file 1e43b9cc.namespaces
Testing file 9dd23746.namespaces
Testing file e580c4f9.namespaces
Testing file a02131f7.namespaces
Testing file 2eb756e6.namespaces
Testing file 07397040.namespaces
Testing file dd4b34ea.namespaces
Testing file 9d78dd37.namespaces
Testing file cc800af0.namespaces
Testing file 4798da47.namespaces
Testing file 1f3834d0.namespaces
Testing file 75680d2e.namespaces
Testing file b13cc6df.namespaces
Testing file 4220f3a5.namespaces
Testing file e8ac4b61.namespaces
Testing file 64d1f6f4.namespaces
Testing file be87b272.namespaces
Testing file 5d674a88.namespaces
Testing file 684261aa.namespaces
Testing file 11b4a5a2.namespaces
Testing file 71a89a47.namespaces
Testing file 1691b9ba.namespaces
Testing file 295adc19.namespaces
Testing file 5cf9d536.namespaces
Testing file 719a853d.namespaces
Testing file 9ef5f911.namespaces
Testing file 86dacba7.namespaces
Testing file fdf90b95.namespaces
Testing file afe55e66.namespaces
Testing file dfb080e4.namespaces
Testing file b2771d44.namespaces
Testing file d3619baa.namespaces
Testing file blac0d46.namespaces
Testing file a317c467.namespaces
Testing file edca0fc0.namespaces
Testing file b459ca48.namespaces
Testing file 30ffc224.namespaces
Testing file 1e12d831.namespaces
Testing file bfafd1bd.namespaces
Testing file c692a373.namespaces
Testing file 20ce830e.namespaces
Testing file 2a237f16.namespaces
Testing file ef300431.namespaces
Testing file d0b701c0.namespaces
Testing file 9df51c42.namespaces
Testing file 18700496.namespaces
Testing file f4401b90.namespaces
Testing file f5ead794.namespaces
Testing file 03a1fa38.namespaces

CaNIC-partEMI3Update1 < EMI < TWiki

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Testing file 98ef0ee5.namespaces
Testing file 885cc27c.namespaces
Testing file 522b8537.namespaces
Testing file 7ecb2657.namespaces
Testing file 33eb0f86.namespaces
Testing file 3d5be7bc.namespaces
Testing file 3d863bc5.namespaces
Testing file 1f0e8352.namespaces
Testing file b93d6240.namespaces
Testing file 56084620.namespaces
Testing file 01b5d333.namespaces
Testing file 1e3261e6.namespaces
Testing file 524cae41.namespaces
Testing file 1e4f9475.namespaces
Testing file dc75341f.namespaces
Testing file a87d9192.namespaces
Testing file 6fee79b0.namespaces
Testing file 3ccc03a5.namespaces
Testing file 2f2f573f.namespaces
Testing file 4b2783ac.namespaces
Testing file 709afd2b.namespaces
Testing file src/test/resources/namespaces/4798da47.namespaces
Got an expected error for file src/test/resources/namespaces/00000001.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000002.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000003.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000004.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000005.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000006.namespaces: Problem parsing
*
^
Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.021 sec
Running eu.emi.security.authn.x509.ns.GlobusParserTest
Testing file UTNAAAClient.signing_policy
Testing file BG-ACAD-CA.signing_policy
Testing file CESNET.signing_policy
Testing file MaGrid.signing_policy
Testing file SWITCHgrid-Root.signing_policy
Testing file Grid-Ireland.signing_policy
Testing file HIAST.signing_policy
Testing file IGCA.signing_policy
Testing file UGRID.signing_policy
Testing file NAREGI.signing_policy
Testing file UKeScienceRoot-2007.signing_policy
Testing file GILDA-CA-2011.signing_policy
Testing file SEE-GRID.signing_policy
Testing file HellasGrid-CA-2006.signing_policy
Testing file InCommon-Server-CA.signing_policy
Testing file MREN-CA.signing_policy
Testing file ArmeSFo.signing_policy
Testing file INFN-CA-2006.signing_policy
Testing file cilogon-silver.signing_policy
Testing file SRCE.signing_policy
Testing file CNIC.signing_policy
Testing file NICS-MyProxy.signing_policy
Testing file BrGrid.signing_policy
Testing file NorduGrid.signing_policy
Testing file RDIG.signing_policy
Testing file LIPCA.signing_policy
Testing file Thawte-freemail-issuing.signing_policy
Testing file LACGridCA.signing_policy
Testing file SlovakGrid.signing_policy
Testing file AddTrust-External-CA-Root.signing_policy
Testing file Thawte-freemail-root.signing_policy
Testing file NIIF.signing_policy
Testing file CESNET-CA-3.signing_policy
Testing file SDG.signing_policy
Testing file cilogon-basic.signing_policy
```

Testing file HellasGrid-Root.signing_policy
Testing file CNRS2-Projets.signing_policy
Testing file BEGrid2008.signing_policy
Testing file GermanGrid.signing_policy
Testing file cilogon-openid.signing_policy
Testing file CyGrid.signing_policy
Testing file BalticGrid.signing_policy
Testing file CALG.signing_policy
Testing file QuoVadis-Root-CA1.signing_policy
Testing file AIST.signing_policy
Testing file DFN-SLCS.signing_policy
Testing file CERN-TCA.signing_policy
Testing file Globus-CA-service.signing_policy
Testing file CNRS2-Grid-FR.signing_policy
Testing file IHEP.signing_policy
Testing file NCHC.signing_policy
Testing file GTE-CyberTrust-Global-Root.signing_policy
Testing file REUNA-ca.signing_policy
Testing file TERENAeSciencePersonalCA.signing_policy
Testing file RomanianGRID.signing_policy
Testing file KEK.signing_policy
Testing file TERENA-SSL-CA.signing_policy
Testing file egee-ne-benelux-tutorial.signing_policy
Testing file SWITCHslcs.signing_policy
Testing file BYGCA.signing_policy
Testing file UKeScienceCA-2007.signing_policy
Testing file FNAL-SLCS.signing_policy
Testing file pkIRISGrid.signing_policy
Testing file AACertificateServices.signing_policy
Testing file UniandesCA.signing_policy
Testing file CNRS2.signing_policy
Testing file NCSA-mics.signing_policy
Testing file PRAGMA-UCSD.signing_policy
Testing file ULAGrid-CA-2008.signing_policy
Testing file AustrianGrid.signing_policy
Testing file TERENA-eScience-SSL-CA.signing_policy
Testing file SiGNET-CA.signing_policy
Testing file IUCC.signing_policy
Testing file SWITCH-QuoVadis-Grid-ICA.signing_policy
Testing file DOEGrids.signing_policy
Testing file ESnet.signing_policy
Testing file TACC-MICS.signing_policy
Testing file UTN-USERFirst-Hardware.signing_policy
Testing file NECTEC.signing_policy
Testing file ASGCCA-2007.signing_policy
Testing file MARGI.signing_policy
Testing file UKeScienceCA-2B.signing_policy
Testing file TRGrid.signing_policy
Testing file NIKHEF.signing_policy
Testing file CERN-Root.signing_policy
Testing file UNLPGrid.signing_policy
Testing file TACC-Root.signing_policy
Testing file NERSC-SLCS.signing_policy
Testing file TACC-Classic.signing_policy
Testing file UNAMgrid-ca.signing_policy
Testing file KISTI-2007.signing_policy
Testing file PSC-Myproxy-CA.signing_policy
Testing file HKU.signing_policy
Testing file PK-Grid-2007.signing_policy
Testing file DFN-GridGermany-Root.signing_policy
Testing file ncsa-gridshib-ca.signing_policy
Testing file NCSA-slcs.signing_policy
Testing file DZeScience.signing_policy
Testing file GILDA-CA.signing_policy
Testing file TERENA-SCS.signing_policy
Testing file GridCanada.signing_policy
Testing file CESNET-CA-Root.signing_policy

CaNIC-partEMI3Update1 < EMI < TWiki

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Testing file APAC.signing_policy
Testing file IRAN-GRID.signing_policy
Testing file MD-Grid.signing_policy
Testing file UKeScienceCA-2A.signing_policy
Testing file PolishGrid.signing_policy
Testing file AEGIS.signing_policy
Testing file src/test/resources/namespaces/correct.signing_policy
Got an expected error for file src/test/resources/namespaces/incorrect1.signing_policy: Syntax pr
Got an expected error for file src/test/resources/namespaces/incorrect2.signing_policy: Syntax pr
Got an expected error for file src/test/resources/namespaces/incorrect3.signing_policy: Syntax pr
Got an expected error for file src/test/resources/namespaces/incorrect4.signing_policy: Syntax pr
Got an expected error for file src/test/resources/namespaces/incorrect5.signing_policy: Syntax pr
Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.014 sec
Running eu.emi.security.authn.x509.ocsp.OCSPClientTest
--- TEST CASE for: https://ocsp.quovadisoffshore.com ---
Got status: good
--- TEST CASE END ---
--- TEST CASE for: http://EVSecure-ocsp.verisign.com ---
Got status: good
--- TEST CASE END ---
--- TEST CASE for: http://ocsp.usertrust.com ---
Got status: good
--- TEST CASE END ---
--- TEST CASE for: http://ocsp.digicert.com ---
Got status: good
--- TEST CASE END ---
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 7.278 sec
Running eu.emi.security.authn.x509.ocsp.OCSPIntegrationTest
Result (short): FAILED: No OCSP responder was found for the certificate
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Valid EE Certificate Test1,O=Te
error at position 1 in chain, problematic certificate subject: CN=Good CA,O=Test Certificates 201
Result (short): FAILED: OCSP response received from responder http://EVSecure-ocsp.verisign.com i
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Valid EE Certificate Test1,O=Te
error at position 1 in chain, problematic certificate subject: CN=Good CA,O=Test Certificates 201
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.194 sec
Running eu.emi.security.authn.x509.ocsp.CacheTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 5.256 sec
Running eu.emi.security.authn.x509.ErrorTest
Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.004 sec
```

Results :

Tests run: 259, Failures: 0, Errors: 0, Skipped: 0

```
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 40.592s
[INFO] Finished at: Tue Mar 26 08:54:40 CET 2013
[INFO] Final Memory: 18M/245M
[INFO] -----
```

This topic: EMI > CaNIC-partEMI3Update1

Topic revision: r3 - 2013-03-29 - ZdenekSustr



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