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# EL7 User Interface

## Description

A first version of the the User Interface metapackage for EL7 ( ui package) is available on the EGI UMD4 repo

[http://repository.egi.eu/category/umd\\_releases/distribution/umd-4/](http://repository.egi.eu/category/umd_releases/distribution/umd-4/)

It has been developed starting from the version available for EL6, by removing the libraries which are not supported in EL7 and the ones not already available for this platform

The software available in the latest release is the following:

- arc clients
- aria2
- cream-cli
- davix
- dcap
- dcache-srm-client
- dpm/lfc clients
- fetch-crl
- fuse
- fts-client
- gfal2 and plugins
- gfal2-util
- ginfo
- glite-yaim
- globus dependencies
- gridsite
- lcg-\* clients
- myproxy client
- openldap clients
- voms-clients
- xrootd client

compared to the EL6 version fts2-client, gfal, lcg-utils, amga, saga, wms and uncore-hila and hcc clients are missing because unsupported on EL7. Storm-srm-client is still not available on C7

it can be found on github at <https://github.com/andrea-manzi/emi-ui/>

The corresponding bundle is available also in CVMFS ( thanks to M Doidge) at

[/cvmfs/grid.cern.ch/centos7-ui-preview-v01/](https://cvmfs.grid.cern.ch/centos7-ui-preview-v01/)

## Installation and Configuration

The wn metapackage can be installed via yum using the following command:

```
yum install ui
```

Some configuration is needed for the UI middleware to work, in particular to configure the TOP-BDII to use and the default MyProxy server:

```
# site specific (with default)
# set these too something more appropriate to your site/region
export MYPROXY_SERVER=myproxy.cern.ch
export LCG_GFAL_INFOSYS=lcg-bdii.cern.ch:2170
export BDII_LIST=lcg-bdii.cern.ch:2170
```

In addition the VOMS client needs the JAVA\_HOME variable set, i.e. :

```
export JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.121-0.b13.e17_3.x86_64/jre
```

and the configuration of the VOs to support, for instance for the WLCG VOs please follow this guide

<https://twiki.cern.ch/twiki/bin/view/LCG/VOMSLSCfileConfiguration>

- Fri Sep 15 2017 Andrea Manzi <andrea.manzi@cern.ch> - 4.0.3-1
  - ◆ package renamed to ui
- Thu Apr 20 2017 Andrea Manzi <andrea.manzi@cern.ch> - 4.0.2-1
  - ◆ added glite-yaim and cream-cli on c7
- Thu Mar 09 2017 Andrea Manzi <andrea.manzi@cern.ch> - 4.0.1-1
  - ◆ added dcachesrm-client on el7
- Tue Sep 13 2016 Andrea Manzi <andrea.manzi@cern.ch> - 4.0.0-1
  - ◆ removed EL5 support
  - ◆ added EL7 support

## Testing by Volunteer sites

Volunteer sites coordinated in the context of the WLCG MW readiness WG are participating to the testing of this software for the various WLCG VOs.

The idea is then to extend the test to the whole EGI VOs and, once validated, include this metapackage in the UMD 4 repository ( <http://repository.egi.eu/> )

The following sites are participating at the moment to the testing phase:

Site	Contact	OS	VOs	Related ticket
TRIUMF	D.Qing	SL7	ATLAS	<a href="https://its.cern.ch/jira/browse/MWREADY-128">https://its.cern.ch/jira/browse/MWREADY-128</a>

-- AndreaManzi - 2017-03-07

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This topic: LCG > EL7UIMiddleware

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