

EUROPEAN MIDDLEWARE INITIATIVE

EMI UI

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Table of Contents

EMI UI.....	1
Functional Description.....	1
User Guide.....	1
Client Installation & Configuration.....	1
User Guides & User Troubleshooting Guides.....	2
Service Reference Card.....	3

EMI UI

Functional Description

The **emi-ui** is a suite of clients and APIs that users and applications can use to access grid services

The access point to the Grid-Infrastructure is the User Interface (UI). This can be any machine where users have a personal account and where their user certificate is installed. From a UI a user can be authenticated and authorized to use the GRID resources, and can access the functionalities offered by the Information, Workload and Data Management Systems.

User Guide

- ARC clients:
 - ◆ <http://www.nordugrid.org/documents/arc-ui.pdf>
 - ◆ <http://www.nordugrid.org/documents/ui.pdf>
- CREAM clients:
 - ◆ <https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuide>
 - ◆ <https://wiki.italiangrid.it/twiki/bin/view/CREAM/JdlGuide>
- dCache clients:
 - ◆ <http://www.dcache.org/manuals/Book-1.9.12/cookbook/cb-clients.shtml>
- general gLite User Guide:
 - ◆ <https://edms.cern.ch/document/722398/>
- UNICORE clients:
 - ◆ <http://unicore-dev.zam.kfa-juelich.de/documentation/ucc-6.4.0/ucc-manual.pdf>
 - ◆ <http://www.unicore.eu/documentation/manuals/unicore6/files/hila/hila.pdf>
- WMS clients
 - ◆ <https://edms.cern.ch/file/674643/1/WMPROXY-guide.pdf>
 - ◆ <https://edms.cern.ch/file/590869/1/WMS-JDL.pdf>

Client Installation & Configuration

- General information on installation and configuration can be found at:
 - ◆ <https://twiki.cern.ch/twiki/bin/view/EMI/GenericInstallationConfigurationEMI1> - for EMI 1
 - ◆ <https://twiki.cern.ch/twiki/bin/view/EMI/GenericInstallationConfigurationEMI2> - for EMI 2
- Specific client configurations:
 - ◆ AMGA client:
 - ◇ https://twiki.cern.ch/twiki/pub/EMI/AMGA/amga-manual_2_3_0.pdf - Section 2.1, 3.1
 - ◆ ARC clients:
 - ◇ Client Installation and Configuration:
 - <http://www.nordugrid.org/documents/arc-client-install.html> (arc* tools),
 - <http://www.nordugrid.org/documents/ng-client-install.html> (ng* tools)
 - ◇ Client Configuration Template: Section "ARC Client Configuration" of <http://www.nordugrid.org/documents/arc-ui.pdf> and section "Configuration" of <http://www.nordugrid.org/documents/ui.pdf>
 - ◆ CREAM clients:
 - ◇ Client Installation and Configuration: Sections "Installation of the CREAM CLI" and "Configuration of the CREAM CLI" of <https://wiki.italiangrid.it/twiki/bin/view/CREAM/SystemAdministratorGuideForEMI2>
 - ◇ Client Configuration Template: Section "CREAM CLI configuration files" of <https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuideEMI2>

- ◆ dCache-clients:
 - ◇ <http://www.dcache.org/manuals/Book-1.9.12/cookbook/cb-clients.shtml>
 - ◇ Client Installation and Configuration:
 - <http://www.dcache.org/manuals/Book-2.1/cookbook/cb-clients-fhs-comments.shtml>
- ◆ DPM client
 - ◇ Client Installation and Configuration (mandatory):
 - <https://svnweb.cern.ch/trac/lcgdm/wiki/Integration/Clients>
- ◆ GFAL/lcg_utils:
 - ◇ <https://svnweb.cern.ch/trac/lcgutil/milestone/gfal%201.12.0-EMI1>
 - ◇ https://svnweb.cern.ch/trac/lcgutil/wiki/GFALRelease_1_12_1-for-EMI2
- ◆ StoRM client:
 - ◇ http://storm.forge.cnaf.infn.it/documentation/client_examples
- ◆ UNICORE UCC:
 - ◇ http://unicore-dev.zam.kfa-juelich.de/documentation/ucc-6.4.0/ucc-manual.html#ucc_install
 - ◇ Client Installation and Configuration: "Installation and Configuration" in
 - <http://unicore-dev.zam.kfa-juelich.de/documentation/ucc-6.5.0-rc/ucc-manual.pdf>
- ◆ UNICORE HILA:
 - ◇ http://www.unicore.eu/documentation/manuals/unicore6/files/hila-2.2/hila.html#_unicore_6
 - ◇ Client Installation and Configuration: "Configuration section for each backend implementation"
 - <http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf>
- ◆ WMS clients:
 - ◇ <http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy-guide.pdf> - User Guide
 - ◇ <http://edms.cern.ch/document/590869> - Job Description Language (JDL) documentation

User Guides & User Troubleshooting Guides

- AMGA client
 - ◆ https://twiki.cern.ch/twiki/pub/EMI/AMGA/amga-manual_2_3_0.pdf - Section 4,5,6
- ARC client
 - ◆ User Guide: <http://www.nordugrid.org/documents/arc-ui.pdf> (arc* tools), <http://www.nordugrid.org/documents/ui.pdf> (ng* tools)
 - ◆ User Troubleshooting Guide: http://wiki.nordugrid.org/index.php/Documentation/Troubleshooting_Guides/ARC_Clients
 - ◆ Other Documentation: <http://www.nordugrid.org/documents/xrsl.pdf>, http://wiki.nordugrid.org/index.php/ARC_Client_Tools_Transition
 - ◆ Man Pages/Online Help: man pages available with binary packages
- CREAM client
 - ◆ User Troubleshooting Guide: <https://wiki.italiangrid.it/twiki/bin/view/CREAM/TroubleshootingGuide>
 - ◆ Man Pages/Online Help: https://wiki.italiangrid.it/twiki/bin/view/CREAM/UserGuideEMI2#Man_pages_for_CREAM_Commands
- dCache client
 - ◆ User Guide : <http://www.dcache.org/manuals/Book-2.1/index-fhs.shtml>
- DPM client * User Guide: <https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/User/Tutorial>
- StoRM client:
 - ◆ http://storm.forge.cnaf.infn.it/documentation/client_examples
- UNICORE UCC:
 - ◆ User Guide: <http://unicore-dev.zam.kfa-juelich.de/documentation/ucc-6.5.0-rc/ucc-manual.pdf>
 - ◆ Man Pages/Online Help: available by calling "ucc --help"
 - ◆ User Troubleshooting Guide: "Frequently asked questions" in <http://unicore-dev.zam.kfa-juelich.de/documentation/ucc-6.5.0-rc/ucc-manual.pdf>

- ◆ <http://unicore-dev.zam.kfa-juelich.de/documentation/ucc-6.4.0/ucc-manual.pdf> - "Frequently asked questions"
- UNICORE HILA
 - ◆ User Guide (mandatory):
<http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf>
 - ◆ Man Pages/Online Help (optional): available by calling 'help' in HiLA Shell
 - ◆ The same information can also be retrieved from the HTML version of the documentation:
<http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.html>
- WMS clients:
 - ◆ <http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy-guide.pdf> - User Guide
 - ◆ <http://edms.cern.ch/document/590869> - Job Description Language (JDL) documentation

Service Reference Card

- EMI UI reference card - <https://twiki.cern.ch/twiki/bin/view/EMI/EMIuiSRC>

Direct link to this twiki - <https://twiki.cern.ch/twiki/bin/view/EMI/EMIui>

This topic: EMI > EMIui

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