

## GLITE USER INTERFACE

### 1. RELEASE DESCRIPTION

This release contains the gLite User Interface module v. 1.3.5. The following sections provide additional information about the release content, the module dependencies, the known bugs and issues and a list of bugs closed since the previous release. The gLite User Interface is a suite of several gLite clients and APIs. Please refer to the individual gLite clients release notes for additional information. For information about installing and using the gLite User Interface, please refer to the gLite Installation and User Guides.

### 2. CHANGES IN THIS RELEASE

#### 2.1. CHANGES IN FUNCTIONALITY

- Added the LFC Client
- Added new WMPProxy client parameters

#### 2.2. CHANGES IN CONFIGURATION

The following new parameters have been added to the glite-ui.cfg.xml file:

Parameter name	Default value	Description
lfc.server	changeme	LFC server. [Example: lxb0755.cern.ch] [Type: string]
wmproxy.ShallowRetryCount	10	Maximum number of shallow job re-submissions to be done in case of job failure. If this parameter is empty or missing a default value of 10 is used. [Example: 10][Type: integer]
wmproxy.AllowZippedISB	true	When set to true makes the WMS client commands archive and compress all job input sandbox files into a single tar, gzipped file that is then transferred to the WMS. If this parameter is empty or missing a default value is true. [Example: true][Type: boolean]
wmproxy.PerusalFileEnable	true	When set to true enables the job file perusal support in the WMS. If this parameter is empty or missing a default value is true. [Example: true][Type: boolean]

The following parameters have been changed in the glite-io-client.cfg.xml file:

Parameter name	Old value	New value	Description
py-ui.requirements	changeme	other.GlueCEStateStatus == 'Production'	The value now uses by default the standard conventions for double and single quotes, so that it can be set as:

			<p>value="other.GlueCEStateS tatus == 'Production'"</p> <p>instead of</p> <p>value='other.GlueCEStateS tatus == "Production" '</p> <p>However, both formats are accepted and produce the same entry in the internal ui config file.</p> <p>The parameter has been moved to the Advanced Parameters section.</p>
ui.ClientList	<pre>&lt;value&gt;glite-file- transfer-service- client&lt;/value&gt; &lt;value&gt;glite-io- client&lt;/value&gt; &lt;value&gt;glite- rgma- client&lt;/value&gt;</pre>	<pre>&lt;value&gt;glite-file-transfer-service-client&lt;/value&gt; &lt;value&gt;glite-io-client&lt;/value&gt; &lt;value&gt;glite-rgma-client&lt;/value&gt; &lt;value&gt;glite-lfc-client&lt;/value&gt;</pre>	Added the lfc-client module to the list of configurable clients

The Service Discovery parameters for file-based discovery have been removed from the configuration file. File-based discovery is only supported for test or debugging. The normal mode of operation is based on R-GMA or BD-II discovery.

### 3. RELEASE CONTENTS

#### 3.1. GLITE SUB-DEPLOYMENT MODULES

The gLite I/O UI module includes the following sub-modules:

- gLite Security Utilities
- gLite Service Discovery
- gLite R-GMA Client
- gLite DGAS Client
- gLite File Transfer Service Client
- gLite I/O Client
- WMPProxy Client, VOMS clients and APIs
- LFC Client

The sub-modules are automatically installed with the UI module. For more information about these sub-modules please refer to the specific release notes and installation instructions.

#### 3.2. GLITE RPMS

The gLite User Interface v. 1.3.5 is composed of the following gLite components:



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Component name	Description	Version	File
glite-config	gLite configuration scripts	1.6.20	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-config-1.6.20-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-config-1.6.20-1.noarch.rpm</a>
glite-data-api-perl	GLite	1.1.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-api-perl-1.1.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-api-perl-1.1.1-1.noarch.rpm</a>
glite-data-catalog-api-c	gLite Data Catalogs C/C++ API	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-catalog-api-c-2.0.0-4.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-catalog-api-c-2.0.0-4.i386.rpm</a>
glite-data-catalog-api-java	GLite Catalog Services Java client	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-catalog-api-java-2.0.0-7.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-catalog-api-java-2.0.0-7.noarch.rpm</a>
glite-data-catalog-api-perl	gLite datamanagement Perl API for catalogs	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-catalog-api-perl-2.0.0-3.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-catalog-api-perl-2.0.0-3.noarch.rpm</a>
glite-data-catalog-cli	Data Catalog CLI	1.7.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-catalog-cli-1.7.2-4.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-catalog-cli-1.7.2-4.i386.rpm</a>
glite-data-catalog-interface	gLite Catalog Interfaces	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-catalog-interface-2.0.0-7.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-catalog-interface-2.0.0-7.noarch.rpm</a>
glite-data-config-service	GLite Data Config Service	1.2.4	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-config-service-1.2.4-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-config-service-1.2.4-1.i386.rpm</a>
glite-data-globus-rls-api-perl	Perl API for Globus RLS	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-globus-rls-api-perl-1.0.0-3.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-globus-rls-api-perl-1.0.0-3.i386.rpm</a>
glite-data-io-base	GLite Data IO Base	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-io-base-2.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-io-base-2.0.0-1.i386.rpm</a>
glite-data-io-client	GLite Data IO Client APIs	1.5.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-io-client-1.5.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-io-client-1.5.2-1.i386.rpm</a>
glite-data-io-gss-auth	GLite Data IO GSS Authentication QUANTA Plugin	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-io-gss-auth-1.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-io-gss-auth-1.0.0-1.i386.rpm</a>
glite-data-io-quanta	GLite Data IO Quanta Transport Layer	1.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-io-quanta-1.0.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-io-quanta-1.0.0-1.i386.rpm</a>
glite-data-srm-api-c	gLite Data SRM C/C++ API	1.1.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-srm-api-c-1.1.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-srm-api-c-1.1.0-1.i386.rpm</a>
glite-data-srm-api-perl	Perl API for SRM	1.1.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-srm-api-perl-1.1.0-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-srm-api-perl-1.1.0-2.i386.rpm</a>
glite-data-srm-cli	Data SRM CLI	1.2.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-srm-cli-1.2.3-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-srm-cli-1.2.3-1.i386.rpm</a>
glite-data-transfer-api-c	GLite Data Transfer C/C++ API	3.1.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-transfer-api-c-3.1.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-transfer-api-c-3.1.0-1.i386.rpm</a>
glite-data-transfer-api-java	Java client jar for Data Transfer services	3.1.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-transfer-api-java-3.1.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-transfer-api-java-3.1.0-1.noarch.rpm</a>
glite-data-transfer-api-perl	gLite Transfer Perl API	3.1.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-transfer-api-perl-3.1.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-transfer-api-perl-3.1.0-1.noarch.rpm</a>
glite-data-transfer-cli	Data Transfer CLI	3.1.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-transfer-cli-3.1.2-5.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-transfer-cli-3.1.2-5.i386.rpm</a>
glite-data-transfer-interface	gLite Transfer Interfaces	3.1.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-transfer-interface-3.1.0-3.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-transfer-interface-3.1.0-3.noarch.rpm</a>
glite-data-transfer-url-copy	gLite Data Transfer URL Copy	1.5.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-transfer-url-copy-1.5.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-transfer-url-copy-1.5.0-1.i386.rpm</a>
glite-data-util-c	Data C util libraries	1.2.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-util-c-1.2.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-data-util-c-1.2.0-1.i386.rpm</a>
glite-dgas-common	DGAS common	1.1.6	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-common-1.1.6-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-common-1.1.6-1.i386.rpm</a>
glite-dgas-hlr-clients	DGAS HLR clients	1.1.18	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-hlr-clients-1.1.18-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-hlr-clients-1.1.18-1.i386.rpm</a>
glite-dgas-pa-clients	DGAS PA clients	1.0.4	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-pa-clients-1.0.4-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-dgas-pa-clients-1.0.4-1.i386.rpm</a>
glite-essentials-	Essential C/C++ libraries	1.1.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386</a>



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cpp	for gLite software		<a href="#">/RPMS/glite-essentials-cpp-1.1.1-1_EGEE.i386.rpm</a>
glite-essentials-java	Set of JAVA libraries essential for gLite middleware	1.2.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-essentials-java-1.2.0-2_EGEE.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-essentials-java-1.2.0-2_EGEE.noarch.rpm</a>
glite-file-transfer-service-client-config	gLite File Transfer Service client installation	1.2.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-file-transfer-service-client-config-1.2.0-2.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-file-transfer-service-client-config-1.2.0-2.noarch.rpm</a>
glite-io-client-config	gLite I/O Client configuration files	2.2.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-io-client-config-2.2.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-io-client-config-2.2.0-1.noarch.rpm</a>
glite-lb-client	L&B client API and tools	2.1.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-lb-client-2.1.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-lb-client-2.1.1-1.i386.rpm</a>
glite-lb-client-interface	L&B client library header files	2.1.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-lb-client-interface-2.1.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-lb-client-interface-2.1.0-1.i386.rpm</a>
glite-lb-common	L&B common subroutines library	3.0.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-lb-common-3.0.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-lb-common-3.0.1-1.i386.rpm</a>
glite-lfc-client-config	gLite lfc Client configuration files	1.3.8	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-lfc-client-config-1.3.8-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-lfc-client-config-1.3.8-1.noarch.rpm</a>
glite-rgma-api-c	C API for R-GMA	5.0.5	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-rgma-api-c-5.0.5-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-rgma-api-c-5.0.5-1.i386.rpm</a>
glite-rgma-api-cpp	C++ API for R-GMA	5.0.9	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-rgma-api-cpp-5.0.9-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-rgma-api-cpp-5.0.9-1.i386.rpm</a>
glite-rgma-api-java	Java API for R-GMA	5.0.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-api-java-5.0.3-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-api-java-5.0.3-1.noarch.rpm</a>
glite-rgma-api-python	Python API for R-GMA	5.0.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-api-python-5.0.3-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-api-python-5.0.3-1.noarch.rpm</a>
glite-rgma-base	R-GMA basic configuration and documentation	5.0.4	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-base-5.0.4-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-base-5.0.4-1.noarch.rpm</a>
glite-rgma-client-config	gLite R-GMA client installation	5.2.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-client-config-5.2.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-client-config-5.2.0-1.noarch.rpm</a>
glite-rgma-command-line	R-GMA command line	5.0.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-command-line-5.0.2-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-command-line-5.0.2-1.noarch.rpm</a>
glite-rgma-common-config	gLite rgma common configuration items installation	5.0.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.1-1.noarch.rpm</a>
glite-rgma-log4cpp	log4cpp appender for R-GMA	5.0.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-rgma-log4cpp-5.0.3-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-rgma-log4cpp-5.0.3-1.i386.rpm</a>
glite-rgma-log4j	R-GMA log4j tool	5.0.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-log4j-5.0.2-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-log4j-5.0.2-1.noarch.rpm</a>
glite-rgma-stubs-servlet-java	Java client implementation stubs for R-GMA	5.0.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-5.0.3-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-5.0.3-1.noarch.rpm</a>
glite-security-delegation-java		1.2.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-delegation-java-1.2.3-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-delegation-java-1.2.3-1.noarch.rpm</a>
glite-security-gsoap-plugin	gSOAP plugin and gss libraries	1.2.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-gsoap-plugin-1.2.1-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-gsoap-plugin-1.2.1-0.i386.rpm</a>
glite-security-trustmanager	The java certificate path checkin for proxy certs in SSL with plugins for tomcat and axis.	1.8.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.8.2-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.8.2-1.noarch.rpm</a>
glite-security-util-java	The java utilities library for security	1.3.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-util-java-1.3.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-util-java-1.3.0-1.noarch.rpm</a>
glite-security-utils-config	gLite Security Utilities configuration files	1.2.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.2.2-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.2.2-1.noarch.rpm</a>
glite-security-voms-api		1.6.10	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-voms-api-1.6.10-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-voms-api-1.6.10-0.i386.rpm</a>
glite-security-voms-api-c		1.6.10	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-voms-api-c-1.6.10-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-voms-api-c-1.6.10-0.i386.rpm</a>



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glite-security-voms-api-cpp		1.6.10	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-voms-api-cpp-1.6.10-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-voms-api-cpp-1.6.10-0.i386.rpm</a>
glite-security-voms-clients		1.6.10	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-voms-clients-1.6.10-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-security-voms-clients-1.6.10-0.i386.rpm</a>
glite-service-discovery-api-c	C API for Service Discovery.	2.2.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-api-c-2.2.0-0.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-api-c-2.2.0-0.i386.rpm</a>
glite-service-discovery-api-java	Java API for ServiceDiscovery	2.0.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-api-java-2.0.2-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-api-java-2.0.2-1.noarch.rpm</a>
glite-service-discovery-bdii-c	BDII based Service Discovery	2.2.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-bdii-c-2.2.0-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-bdii-c-2.2.0-2.i386.rpm</a>
glite-service-discovery-cli	Service Discovery CLI	2.2.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-cli-2.2.0-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-cli-2.2.0-2.i386.rpm</a>
glite-service-discovery-config	gLite Service Discovery installation	1.1.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-config-1.1.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-config-1.1.1-1.noarch.rpm</a>
glite-service-discovery-file-c	File based Service Discovery	2.1.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-file-c-2.1.0-2.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-file-c-2.1.0-2.i386.rpm</a>
glite-service-discovery-rgma-c	C API for Service Discovery.	2.0.5	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-rgma-c-2.0.5-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-service-discovery-rgma-c-2.0.5-1.i386.rpm</a>
glite-service-discovery-rgma-java	R-GMA Java implementation of service-discovery	2.0.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-rgma-java-2.0.3-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-rgma-java-2.0.3-1.noarch.rpm</a>
glite-ui-config	gLite UI installation	1.3.5	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-ui-config-1.3.5-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-ui-config-1.3.5-1.noarch.rpm</a>
glite-wms-broker	Files for gLite wms broker	1.5.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-broker-1.5.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-broker-1.5.2-1.i386.rpm</a>
glite-wms-brokerinfo-access	Brokerinfo access	1.5.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-brokerinfo-access-1.5.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-brokerinfo-access-1.5.0-1.i386.rpm</a>
glite-wms-checkpointing	WMS checkpointing module	1.5.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-checkpointing-1.5.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-checkpointing-1.5.0-1.i386.rpm</a>
glite-wms-client	Files for gLite WMS WMPProxy client commands	1.5.4	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-client-1.5.4-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-client-1.5.4-1.i386.rpm</a>
glite-wms-common	Files for gLite wms common	1.5.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-common-1.5.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-common-1.5.1-1.i386.rpm</a>
glite-wms-configuration		1.5.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-configuration-1.5.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-configuration-1.5.2-1.i386.rpm</a>
glite-wms-jdl		1.5.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-jdl-1.5.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-jdl-1.5.2-1.i386.rpm</a>
glite-wms-manager-ns-client		1.5.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-manager-ns-client-1.5.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-manager-ns-client-1.5.1-1.i386.rpm</a>
glite-wms-manager-ns-commands		1.5.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-manager-ns-commands-1.5.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-manager-ns-commands-1.5.2-1.i386.rpm</a>
glite-wms-manager-ns-common		1.5.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-manager-ns-common-1.5.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-manager-ns-common-1.5.0-1.i386.rpm</a>
glite-wms-partitioner		1.5.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-partitioner-1.5.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-partitioner-1.5.0-1.i386.rpm</a>
glite-wms-purger		1.5.5	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-purger-1.5.5-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-purger-1.5.5-1.i386.rpm</a>
glite-wms-rls		1.5.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-rls-1.5.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-rls-1.5.0-1.i386.rpm</a>
glite-wms-thirdparty-bypass		2.5.5	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-thirdparty-bypass-2.5.5-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-thirdparty-bypass-2.5.5-1.i386.rpm</a>
glite-wms-ui-api-cpp		1.5.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-api-cpp-1.5.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-api-cpp-1.5.1-1.i386.rpm</a>
glite-wms-ui-api-		1.5.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/</a>



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java			<a href="#">/RPMS/glite-wms-ui-api-java-1.5.0-1.i386.rpm</a>
glite-wms-ui-cli-python		1.5.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-cli-python-1.5.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-cli-python-1.5.2-1.i386.rpm</a>
glite-wms-ui-configuration		1.5.0	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-configuration-1.5.0-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-configuration-1.5.0-1.i386.rpm</a>
glite-wms-ui-wrap-java		1.5.1	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-java-1.5.1-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-java-1.5.1-1.i386.rpm</a>
glite-wms-ui-wrap-python		1.5.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-python-1.5.3-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-python-1.5.3-1.i386.rpm</a>
glite-wms-utils-exception		1.0.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.3-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.3-1.i386.rpm</a>
glite-wms-utils-jobid		1.0.2	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.2-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.2-1.i386.rpm</a>
glite-wms-utils-tls		1.0.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-tls-1.0.3-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-utils-tls-1.0.3-1.i386.rpm</a>
glite-wms-wmproxy-api-cpp	Files for gLite WMS WMPProxy client C++ API	1.5.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-wmproxy-api-cpp-1.5.3-1.i386.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/i386/RPMS/glite-wms-wmproxy-api-cpp-1.5.3-1.i386.rpm</a>
glite-wms-wmproxy-api-java	Files for gLite WMS WMPProxy client Java API	1.5.3	<a href="http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-wms-wmproxy-api-java-1.5.3-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-wms-wmproxy-api-java-1.5.3-1.noarch.rpm</a>

## 4. DEPENDENCIES

The gLite User Interface module has the following dependencies:

Component name	Description	Version	RPM file name
CGSI_gSOAP_2.6	GSI plugin for gSOAP	1.1.9	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/CGSI_gSOAP_2.6-1.1.9-1.slc3.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/CGSI_gSOAP_2.6-1.1.9-1.slc3.i386.rpm</a>
LFC-client	Client side libraries for the LFC	1.3.8	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/LFC-client-1.3.8-1sec_sl3.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/LFC-client-1.3.8-1sec_sl3.i386.rpm</a>
ORBit	A high-performance CORBA Object Request Broker.	0.5.17	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/ORBit-0.5.17-10.4.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/ORBit-0.5.17-10.4.i386.rpm</a>
boost	Boost C++ libraries	1.32.0	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/boost-1.32.0-1_EGEE.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/boost-1.32.0-1_EGEE.i386.rpm</a>
ca_policy_eugridpma	Legacy compatibility package to trigger IGTF installation	1.0	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/ca_policy_eugridpma-1.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/ca_policy_eugridpma-1.0-1.noarch.rpm</a>
classads	C++ implementation of Condor Classified Advertisements (classads) used for describing jobs, workstations, and other resources.	0.9.6	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/classads-0.9.6-EGEE.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/classads-0.9.6-EGEE.i386.rpm</a>
edg-mkgridmap	A tool to build the grid-mapfile	2.5.1	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/edg-mkgridmap-2.5.1-1_sl3.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/edg-mkgridmap-2.5.1-1_sl3.noarch.rpm</a>
edg-utils-system	system utilities	1.7.0	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/edg-utils-system-1.7.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/edg-utils-system-1.7.0-1.noarch.rpm</a>
gpt	The Grid Packaging Toolkit (GPT)	VDT1.2.2rh9	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.2rh9-1.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.2rh9-1.i386.rpm</a>
gridsite	GridSite	1.1.15	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gridsite-1.1.15-1.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gridsite-1.1.15-1.i386.rpm</a>
itcl	Object-oriented megawidgets for Tcl.	3.2	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/itcl-3.2-92.2.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/itcl-3.2-92.2.i386.rpm</a>
jclassads	Java implementation of Condor Classified	2.2	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jclassads-2.2-EGEE.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jclassads-2.2-EGEE.noarch.rpm</a>

	Advertisements (classads) used for describing jobs, workstations, and other resources.		
jglibus	Globus Java API	1.1	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jglibus-1.1-EGEE.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jglibus-1.1-EGEE.noarch.rpm</a>
j2re	Java JRE	1.4.2	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/j2re-1.4.2_08-linux-i586.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/j2re-1.4.2_08-linux-i586.rpm</a>
lcg-dm-common	LCG Data Management common libraries and man pages.	1.3.8	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/lcg-dm-common-1.3.8-1_sl3.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/lcg-dm-common-1.3.8-1_sl3.i386.rpm</a>
myproxy	Credential repository for the Grid.	1.14	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/myproxy-1.14-EGEE.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/myproxy-1.14-EGEE.i386.rpm</a>
perl-Authen-SASL	Interface to SASL	2.08	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Authen-SASL-2.08-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Authen-SASL-2.08-1.1.el3.rf.noarch.rpm</a>
perl-Convert-ASN1	A set of Perl classes implementing conversion from/to ASN.1 data structures using BER/DER rules.	0.18	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Convert-ASN1-0.18-0.rhel3.dag.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Convert-ASN1-0.18-0.rhel3.dag.noarch.rpm</a>
perl-Crypt-SSLeay	Crypt	0.51	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Crypt-SSLeay-0.51-4.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Crypt-SSLeay-0.51-4.i386.rpm</a>
perl-Digest-HMAC	Digest-HMAC Perl module	1.01	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Digest-HMAC-1.01-11.1.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Digest-HMAC-1.01-11.1.noarch.rpm</a>
perl-Digest-SHA1	Digest-SHA1 Perl module	2.01	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Digest-SHA1-2.01-15.1.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Digest-SHA1-2.01-15.1.i386.rpm</a>
perl-Expect.pm	Expect.pm module for perl	1.01	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Expect.pm-1.01-9.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Expect.pm-1.01-9.i386.rpm</a>
perl-IO-Socket-SSL	IO-Socket-SSL module for perl.	0.94	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-IO-Socket-SSL-0.94-0.dag.rhel3.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-IO-Socket-SSL-0.94-0.dag.rhel3.noarch.rpm</a>
perl-MIME-Lite	Simple standalone module for generating MIME messages	2.117	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-MIME-Lite-2.117-2.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-MIME-Lite-2.117-2.1.el3.rf.noarch.rpm</a>
perl-Net-Jabber	Jabber protocol interface	2.0	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-Jabber-2.0-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-Jabber-2.0-1.1.el3.rf.noarch.rpm</a>
perl-Net-LDAP	A set of Perl classes implementing an LDAP client.	0.2701	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-LDAP-0.2701-1.dag.rhel3.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-LDAP-0.2701-1.dag.rhel3.noarch.rpm</a>
perl-Net-SSLeay	Net-SSLeay module for perl.	1.23	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-SSLeay-1.23-0.dag.rhel3.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-SSLeay-1.23-0.dag.rhel3.i386.rpm</a>
perl-Net-XMLPP	XMPP Perl Library	1.0	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-XMLPP-1.0-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-XMLPP-1.0-1.1.el3.rf.noarch.rpm</a>
perl-SOAP-Lite	Interface to SOAP	0.60a	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-SOAP-Lite-0.60a-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-SOAP-Lite-0.60a-1.1.el3.rf.noarch.rpm</a>
perl-TermReadKey	A perl module for simple terminal control.	2.20	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-TermReadKey-2.20-12.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-TermReadKey-2.20-12.i386.rpm</a>
perl-XML-Stream	XML Stream connection support	1.22	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-XML-Stream-1.22-1.1.el3.rf.noarch.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-XML-Stream-1.22-1.1.el3.rf.noarch.rpm</a>
swig-runtime	swig-runtime	1.3.21	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/swig-runtime-1.3.21-1_EGEE.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/swig-runtime-1.3.21-1_EGEE.i386.rpm</a>
tix	A set of capable widgets for Tk.	8.1.4	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tix-8.1.4-92.2.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tix-8.1.4-92.2.i386.rpm</a>
tkinter	A graphical user interface for the Python scripting language.	2.2.3	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tkinter-2.2.3-5.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tkinter-2.2.3-5.i386.rpm</a>
vdt_globus_essentials	Virtual Data Toolkit	VDT1.2.2rh9	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.2rh9-1.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.2rh9-1.i386.rpm</a>
vdt_globus_info_es	Virtual Data Toolkit	VDT1.2.2rh9	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt</a>

essentials			<a href="http://glite.web.cern.ch/glite/packages/externals-VDT1.2.2rh9-1.i386.rpm">glite_info_essentials-VDT1.2.2rh9-1.i386.rpm</a>
vd_t_globus_rm_client	Virtual Data Toolkit	VDT1.2.2rh9	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_rm_client-VDT1.2.2rh9-1.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_rm_client-VDT1.2.2rh9-1.i386.rpm</a>
vd_t_globus_rm_essentials	Virtual Data Toolkit	VDT1.2.2rh9	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_rm_essentials-VDT1.2.2rh9-1.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_rm_essentials-VDT1.2.2rh9-1.i386.rpm</a>

## 5. KNOWN BUGS AND ISSUES

This release has no known bugs and issues. Additional information can be found on the individual release notes of the Worker Node services and clients. Bug numbers refer to the gLite Bug Tracking system database hosted on the CERN Savannah system at

<https://savannah.cern.ch/bugs/?group=jralmdw>.

- Segmentation fault with glite-job-submit when using different WMS and LB. When the UI is configured with WMS and LB to be different machines like

```
[  
  VirtualOrganisation = "dteam";  
  HLRLocation = "";  
  NSAddresses = {  
    "lxb1926.cern.ch"  
  };  
  LBAddresses = {  
    {"lxb2085.cern.ch:9000"}  
  };  
  MyProxyServer = "lxb1757.cern.ch";  
]
```

glite-job-submit may fail with Segmentation fault.

- The LFC Client RPM tries to execute actions that cannot be executed as non-privileged user. If the UI is installed as non-privileged user errors are output by the RPMS and the installation scripts terminates with an error. The gLite UI configuration script can be executed normally, but some LFC Client functionality may be compromised.
- No removal procedure is provided with this release apart from the removal of the RPMS. Any account, group or other resource created during the module configuration must be manually cleaned. In addition, if several gLite modules are installed on the same node, the removal procedure may fail if there are overlapping dependencies. This will be fixed in a future release. As a workaround all gLite RPMS can be removed with the following command:

```
rpm -e `rpm -qa | grep glite-`
```

- The UI module has complex external dependencies. Using the installer script is recommended only on clean machines with standard configuration. If alternative versions of the external dependencies have to be used, please customize the installer scripts as necessary or use a more sophisticated RPM management system. For non root installation, the installer script is for the time being the only supported method



Known open bugs (these are generic UI-related bugs, for bugs in the individual clients, please refer to the specific release notes):

Bug number	Description	
#7316	UI installation: RPM dependency problems with SLC3	
#8600	glite-job-submi Error: UI_NO_NS_CONTACT	
#8655	In the UI configuration a <set> tag is required which is not xml allowed	
#10800	WMS UI error reporting needs to be improved	

Bugs fixed in this or previous releases, but not yet tested:

Bug number	Description	
#7535	The parameter py-ui.DefaultVo should not require extra quotes in the config file	
#7759	ui installer still tries to install gnome-libs, perl-MIME and libpng10	
#8480	glite-ui_installer.sh crashes for a syntax error	
#8499	WMS UI links different flavors of the same Globus libs	
#9595	glite-ui-config.py fails using /tmp as user writable dir.	
#9796	glite-ui-config.py produces wrong config file glite_wmsui.conf	
#9973	WMproxy UI configuration ignores VO	
#10041	glite-ui-config ignores the configured location of the env file	
#10047	Job submission failed with Java UI API	
#10189	UI configuration does not alter vomses file	
#10586	UI: py-ui.requirements: user configurable parameter with forced value	
#11968	glite-srm-ping not on UI	
#13903	Bad interpretation of enum edg_wll_CancelStatus_code in UI	
#13944	Empty configuration value leads UI to error	
#14277	/opt/glite/etc/vomses file not updated in the UI	
#14294	error ehile configuring the UI : /opt/glite/etc/vomses file is empty and read fails	

## 6. BUGS CLOSED SINCE LAST RELEASE

This release fixes the following bugs and issues. Additional information can be found on the individual release notes of the Worker Node services and clients. Bug numbers refer to the gLite Bug Tracking system database hosted on the CERN Savannah system at

<https://savannah.cern.ch/bugs/?group=jra1mdw>

Bug number	Description	
#10382	installation of a UI on the AFS via apt	
#12619	UI configuration: 'glite-file-placement-service-client-config.py' script cannot be found	



# Release Notes

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