

GLITE USER INTERFACE

1. RELEASE DESCRIPTION

This release contains the gLite User Interface module v. 1.0.1. 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

This release introduces the following changes:

- The check for host certificates has been completely removed (it was present, but set to false)
- If external libraries like Globus and GPT are already installed as root, the existing environment variables are now correctly taken during the standard-user configuration process
- Various improvements to the configuration scripts output messages have been added
- Bug fixes in the installation and configuration scripts and in the individual gLite client and APIs components (see below for the complete list)

3. RELEASE CONTENTS

The gLite User Interface v. 1.0.1 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.ui	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/installers/glite-ui_installer.sh http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-ui-config-1.0.0-1.noarch.rpm
org.glite.deployment.config	1.1.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-config-1.1.1-3.noarch.rpm
glite-data-api-perl	1.1.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-data-api-perl-1.1.1-1.noarch.rpm
glite-data-catalog-api-java	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-data-catalog-api-java-2.0.0-6.noarch.rpm
glite-data-catalog-api-perl	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-data-catalog-api-perl-2.0.0-2.noarch.rpm
glite-data-catalog-cli	1.5.3	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-catalog-cli-1.5.3-1.i386.rpm
glite-data-catalog-fas-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-catalog-fas-api-c-2.0.0-1.i386.rpm
glite-data-catalog-file-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-catalog-file-api-c-2.0.0-1.i386.rpm
glite-data-catalog-fireman-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-catalog-fireman-api-c-2.0.0-2.i386.rpm
glite-data-catalog-interface	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-data-catalog-interface-2.0.0-6.noarch.rpm
glite-data-catalog-meta-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-catalog-meta-api-c-2.0.0-1.i386.rpm
glite-data-catalog-replica-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-catalog-replica-api-c-2.0.0-1.i386.rpm
glite-data-catalog-storageindex-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-



Release Notes

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Date: 30/04/2005

		data-catalog-storageindex-api-c-2.0.0-1.i386.rpm
glite-data-config-service	1.1.7	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-config-service-1.1.7-1.i386.rpm
glite-data-globus-rls-api-perl	1.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-globus-rls-api-perl-1.0.0-3.i386.rpm
glite-data-srm-api-c	1.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-srm-api-c-1.0.0-9.i386.rpm
glite-data-srm-api-perl	1.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-srm-api-perl-1.0.0-1.i386.rpm
glite-data-transfer-api-c	2.9.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-transfer-api-c-2.9.0-1.i386.rpm
glite-data-transfer-api-java	2.9.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-data-transfer-api-java-2.9.0-1.noarch.rpm
glite-data-transfer-api-perl	2.9.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-data-transfer-api-perl-2.9.0-1.noarch.rpm
glite-data-transfer-cli	1.3.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-transfer-cli-1.3.1-1.i386.rpm
glite-data-transfer-interface	2.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-transfer-2.0.0-4.i386.rpm
glite-data-ui	1.1.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-data-ui-1.1.0-1.i386.rpm
glite-security-voms	1.2.32	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-security-voms-1.2.32-1.i386.rpm
glite-security-util-java	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/glite-security-util-java-1.0.1-2.noarch.rpm
glite-lb-client-interface	1.0.3	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-client-interface-1.0.3-1.i386.rpm
glite-lb-common	1.1.4	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-common-1.1.4-1.i386.rpm
glite-lb-client	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-lb-client-1.0.1-1.i386.rpm
glite-wms-utils-exception	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.1-1.i386.rpm
glite-wms-utils-jobid	1.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.0-1.i386.rpm
glite-wms-utils-tls	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-utils-tls-1.0.1-1.i386.rpm
glite-wms-common	1.0.2	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-common-1.0.2-1.i386.rpm
glite-wms-jdl	1.1.2	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-jdl-1.1.2-2.i386.rpm
glite-wms-jdlj	1.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-jdlj-1.0.0-1.i386.rpm
glite-wms-thirdparty-bypass	2.5.3	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-thirdparty-bypass-2.5.3-9.i386.rpm
glite-wms-checkpointing	1.0.0	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-checkpointing-1.0.0-1.i386.rpm
glite-wms-ui-partitioner	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-ui-partitioner-1.0.1-1.i386.rpm
glite-wms-ui-wrap-java	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-java-1.0.1-1.i386.rpm
glite-wms-ui-api-java	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-ui-api-java-1.0.1-1.i386.rpm
glite-wms-ui-api-cpp	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-ui-api-cpp-1.0.1-1.i386.rpm
glite-wms-ui-wrap-python	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-python-1.0.1-1.i386.rpm



Release Notes

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gLite-wms-ui-cli-python	1.0.3	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/gLite-wms-ui-cli-python-1.0.3-1.i386.rpm
gLite-wms-ui-configuration	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/i386/RPMS/gLite-wms-ui-configuration-1.0.1-1.i386.rpm
gLite I/O Client	1.3.0	See release notes of gLite I/O Client. The RPMS are installed automatically with the UI installer
gLite R-GMA Client	4.3.0	See release notes of gLite I/O R-GMA. The RPMS are installed automatically with the UI installer

4. DEPENDENCIES

The gLite User Interface module has the following dependencies:

Component name	Version	RPM file name
gLite Security Utilities	1.0.1	http://glite.web.cern.ch/glite/packages/R1.1/R20050430/installers/gLite-security-utils_installer.sh http://glite.web.cern.ch/glite/packages/R1.1/R20050430/bin/rhel30/noarch/RPMS/gLite-security-utils-config-1.0.1-1.noarch.rpm
GPT	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.0rh9-1.i386.rpm
VDT Globus Essentials	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.0rh9-1.i386.rpm
myproxy	1.14	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/myproxy-1.14-EGEE.i386.rpm
perl-Expect.pm	1.01	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Expect.pm-1.01-9.i386.rpm
perl-Authen-SASL	2.08	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Authen-SASL-2.08-1.1.el3.rf.noarch.rpm
perl-MIME-Lite	2.117	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-MIME-Lite-2.117-2.1.el3.rf.noarch.rpm
perl-Net-Jabber	2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-Jabber-2.0-1.1.el3.rf.noarch.rpm
perl-Net-XMPP	1.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-XMPP-1.0-1.1.el3.rf.noarch.rpm
perl-SOAP-Lite	0.60a	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-SOAP-Lite-0.60a-1.1.el3.rf.noarch.rpm
perl-XML-Stream	1.22	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-XML-Stream-1.22-1.1.el3.rf.noarch.rpm
libglade	0.17	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/libglade-0.17-12.2.i386.rpm
Gtk-Perl	0.7008	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/Gtk-Perl-0.7008-35.i386.rpm
jclassads	2.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jclassads-2.1-EGEE.i386.rpm
jglobus	1.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jglobus-1.1-EGEE.i386.rpm
gLite-essentials-java	1.2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gLite-essentials-java-1.2.0-1_EGEE.noarch.rpm
gLite-essentials-cpp	1.1.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gLite-essentials-cpp-1.1.1-1_EGEE.i386.rpm
CGSI_gSOAP_2.6	1.1.8	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/CGSI_gSOAP_2.6-1.1.8-2.slc3.i386.rpm
classads	0.9.6	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/classads-0.9.6-EGEE.i386.rpm
boost	1.29.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/boost-1.29.1-3_EGEE.i386.rpm
ares	1.1.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/ares-1.1.1-EGEE.i386.rpm
itcl	3.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/itcl-3.2-92.2.i386.rpm
tix	8.1.4	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tix-8.1.4-92.2.i386.rpm
tkinter	2.2.3	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tkinter-2.2.3-5.i386.rpm
Java JDK/JRE	1.4.2	http://java.sun.com

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=jra1mdw>.

- 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:

Bug number	Description
#4830	Developers' guide lacks info on how to write components
#6943	If the user issuing voms-proxy-init is not a member of the specified VO, confusing error is returned.
#7219	Selects on different UIs give different results
#7316	UI installation: RPM dependency problems with SLC3
#7759	ui installer still tries to install gnome-libs, perl-MIME and libpng10
#7867	The AFS UI on prototype tesbed is not up to date
#8032	error in glite-UI install documentation available.
#8091	Documentation error in the installation guide for the UI module
#8091	Documentation error in the installation guide for the UI module
#8470	cannot submit job.....Error: UI_CONFIG_ATTRIBUTE
#8480	glite-ui_installer.sh crashes for a syntax error
#8499	WMS UI links different flavors of the same Globus libs

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

Bug number	Description
#4893	WMS UI crashes with edg-job-status -all

#5089	Use of LCG-2 UI with glite does not work with pbs/blah CE	
#6085	data.ui fails looking for Globus when building cctools	
#6086	data.ui uses custom library paths when building cctools	
#6596	Transient problems with VOMS proxies on the WMS UI	
#6715	Possible wrong tag of org.glite.wms-ui.cli-python module used for Ibuild	
#6795	gLiteIO UI is not accessed by Job on Worker Node	
#7180	Logging & Bookkeeping UI	
#7214	glite-ui.cfg.xml comes with integration team testbed values filled in	
#7215	warnings in the ui configuration script	
#7460	glite-job-list, glite-job-submit crash with IndexError if default VO not found	
#7462	glite-ui-config.py --help crashes with AttributeError	
#7535	The parameter py-ui.DefaultVo should not require extra quotes in the config file	
#7801	ui installation with apt fails	
#7837	Python path not set	

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
#5803	voms-proxy-init requires vomses confile to owned by root user
#6570	glite-wms-ui-cli-python-1.0.0-1 provides broken links instead of the submission commands
#6804	Output directory on UI was created but no output inside
#7008	MANPATH not set on UI
#7383	glite-ui-config.py crashes with "KeyError: GLITE_WMS_LOCATION"
#7386	Myproxy commands are missing in glite UI
#7617	glite-catalog ls fails to load shared libraries (GLITE v1.0.10)
#7694	myproxy values in the PATH and LD_LIBRARY_PATH of the UI
#7771	UI setup command not compatible with zsh
#7970	Still have problems with the prototype tesbed through the AFS UI
#8029	error in glite-UI install documentation available.
#8037	Where do I get information to connect my UI to prototype Testbed

7. PREVIOUS RELEASES

7.1. RELEASE 1.0.0

7.1.1. Release Description

This release contains the gLite User Interface module v. 1.0.0. 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.

7.1.2. Changes in this Release

This release introduces the following changes:

- After the UI has been installed as root or as a non-privileged user, other users can run the configuration script from their account and set up their local environment to use the same UI installation. This allows installing the UI from a central account and share the installation among multiple users. For more information refer the gLite UI Installation Guide
- The UI installation script takes a basedir parameter to specify the directory where the UI should be installed (the default is the current directory). This allows installing multiple versions of the gLite UI in separate directories. For more information refer the gLite UI Installation Guide
- Several bug fixes in the installation and configuration scripts and in the individual gLite client and APIs components (see below for the complete list)

7.1.3. Release contents

The gLite User Interface v. 1.0.0 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.ui	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/installers/glite-ui_installer.sh http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-ui-config-1.0.0-1.noarch.rpm
org.glite.deployment.config	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-config-1.0.0-1.noarch.rpm
glite-data-api-perl	1.1.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-api-perl-1.1.1-1.noarch.rpm
glite-data-catalog-api-java	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-catalog-api-java-2.0.0-6.noarch.rpm
glite-data-catalog-api-perl	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-catalog-api-perl-2.0.0-2.noarch.rpm
glite-data-catalog-cli	1.4.3	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-catalog-cli-1.4.3-1.i386.rpm
glite-data-catalog-fas-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-catalog-fas-api-c-2.0.0-1.i386.rpm
glite-data-catalog-file-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-catalog-file-api-c-2.0.0-1.i386.rpm
glite-data-catalog-fireman-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-catalog-fireman-api-c-2.0.0-2.i386.rpm
glite-data-catalog-interface	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-catalog-interface-2.0.0-6.noarch.rpm



Release Notes

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Date: 30/04/2005

glite-data-catalog-meta-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-catalog-meta-api-c-2.0.0-1.i386.rpm
glite-data-catalog-replica-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-catalog-replica-api-c-2.0.0-1.i386.rpm
glite-data-catalog-storageindex-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-catalog-storageindex-api-c-2.0.0-1.i386.rpm
glite-data-config-service	1.1.6	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-config-service-1.1.6-1.i386.rpm
glite-data-globus-rls-api-perl	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-globus-rls-api-perl-1.0.0-3.i386.rpm
glite-data-srm-api-c	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-srm-api-c-1.0.0-5.i386.rpm
glite-data-srm-api-perl	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-srm-api-perl-1.0.0-1.i386.rpm
glite-data-transfer-api-c	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-transfer-api-c-2.0.0-1.i386.rpm
glite-data-transfer-api-java	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-transfer-api-java-2.0.0-2.noarch.rpm
glite-data-transfer-api-perl	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-transfer-api-perl-2.0.0-2.noarch.rpm
glite-data-transfer-cli	1.0.2	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-transfer-cli-1.0.2-1.i386.rpm
glite-data-transfer-interface	2.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-transfer-2.0.0-4.i386.rpm
glite-data-ui	1.1.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-data-ui-1.1.0-1.i386.rpm
glite-security-voms	1.2.32	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-security-voms-1.2.32-1.i386.rpm
glite-security-util-java	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-security-util-java-1.0.0-2.noarch.rpm
glite-lb-client-interface	1.0.2	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-client-interface-1.0.2-1.i386.rpm
glite-lb-common	1.1.4	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-common-1.1.4-1.i386.rpm
glite-lb-client	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-lb-client-1.0.1-1.i386.rpm
glite-wms-utils-exception	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.1-1.i386.rpm
glite-wms-utils-jobid	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.0-1.i386.rpm
glite-wms-utils-tls	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-utils-tls-1.0.1-1.i386.rpm
glite-wms-common	1.0.2	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-common-1.0.2-1.i386.rpm
glite-wms-jdl	1.1.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-jdl-1.1.1-2.i386.rpm
glite-wms-jdlj	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-jdlj-1.0.0-1.i386.rpm
glite-wms-thirdparty-bypass	2.5.3	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-thirdparty-bypass-2.5.3-9.i386.rpm
glite-wms-checkpointing	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-checkpointing-1.0.0-1.i386.rpm
glite-wms-ui-partitioner	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-ui-partitioner-1.0.1-1.i386.rpm
glite-wms-ui-wrap-java	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-java-1.0.1-1.i386.rpm



Release Notes

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glite-wms-ui-api-java	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-ui-api-java-1.0.1-1.i386.rpm
glite-wms-ui-api-cpp	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-ui-api-cpp-1.0.1-1.i386.rpm
glite-wms-ui-wrap-python	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-python-1.0.1-1.i386.rpm
glite-wms-ui-cli-python	1.0.2	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-ui-cli-python-1.0.2-1.i386.rpm
glite-wms-ui-configuration	1.0.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/i386/RPMS/glite-wms-ui-configuration-1.0.1-1.i386.rpm
gLite I/O Client	1.3.0	See release notes of gLite I/O Client. the RPMS are installed automatically with the UI installer
gLite R-GMA Client	4.3.0	See release notes of gLite I/O R-GMA. the RPMS are installed automatically with the UI installer

7.1.4. Dependencies

The gLite User Interface module has the following dependencies:

Component name	Version	RPM file name
gLite Security Utilities	1.0.0	http://glite.web.cern.ch/glite/packages/I20050218/installers/glite-security-utils_installer.sh http://glite.web.cern.ch/glite/packages/I20050218/bin/rhel30/noarch/RPMS/glite-security-utils-config-0.6.1-1.noarch.rpm
GPT	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.0rh9-1.i386.rpm
VDT Globus Essentials	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.0rh9-1.i386.rpm
myproxy	1.14	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/myproxy-1.14-EGEE.i386.rpm
perl-Expect.pm	1.01	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Expect.pm-1.01-9.i386.rpm
perl-Authen-SASL	2.08	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Authen-SASL-2.08-1.1.el3.rf.noarch.rpm
perl-MIME-Lite	2.117	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-MIME-Lite-2.117-2.1.el3.rf.noarch.rpm
perl-Net-Jabber	2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-Jabber-2.0-1.1.el3.rf.noarch.rpm
perl-Net-XMPP	1.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Net-XMPP-1.0-1.1.el3.rf.noarch.rpm
perl-SOAP-Lite	0.60a	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-SOAP-Lite-0.60a-1.1.el3.rf.noarch.rpm
perl-XML-Stream	1.22	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-XML-Stream-1.22-1.1.el3.rf.noarch.rpm
libglade	0.17	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/libglade-0.17-12.2.i386.rpm
Gtk-Perl	0.7008	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/Gtk-Perl-0.7008-35.i386.rpm
jclassads	2.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jclassads-2.1-EGEE.i386.rpm
jglobus	1.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jglobus-1.1-EGEE.i386.rpm
glite-essentials-java	1.2.0	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/glite-essentials-java-1.2.0-1_EGEE.noarch.rpm
glite-essentials-cpp	1.1.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/glite-essentials-cpp-1.1.1-1_EGEE.i386.rpm
CGSI_gSOAP_2.6	1.1.8	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/CGSI_gSOAP_2.6-1.1.8-2.slc3.i386.rpm
classads	0.9.6	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/classads-0.9.6-EGEE.i386.rpm
boost	1.29.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/boost-1.29.1-3_EGEE.i386.rpm

ares	1.1.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/ares-1.1.1-EGEE.i386.rpm
itcl	3.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/itcl-3.2-92.2.i386.rpm
tix	8.1.4	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tix-8.1.4-92.2.i386.rpm
tkinter	2.2.3	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tkinter-2.2.3-5.i386.rpm
Java JDK/JRE	1.4.2	http://java.sun.com

7.1.5. 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>.

- 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:

Bug number	Description	
#6596	Transient problems with VOMS proxies on the WMS UI	
#6804	Output directory on UI was created but no output inside	
#6936	glite-catalog-ls doesn't works for Oracle server?	
#7103	glite-catalog-ls /tmp/*.data ... only list part of matches	
#7225	All client interactions should go via the local servlet box	
#7226	rgma client configuration succeeds, but a client test fails	
#7238	glite-catalog-rmdir doesn't produce a exception when directory is not empty	
#7251	glite-catalog-ls doesn't let me read a directory when an entry exists more than once.	
#7256	data-catalog-api-c-2.0.0 let me create twice the same entry in the catalog	
#7316	UI installation: RPM dependency problems with SLC3	
#7469	Cannot call glite-catalog-ls from 2 machines at the same time in MySQL Fireman, pointing to the same directory	
#7487	the rgma client and it does not use the X509_CERT_DIR to look for the certificates of the CAs	
#7690	problem with glite-catalog-ls	

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

Bug number	Description
#4893	WMS UI crashes with edg-job-status -all
#5581	Cannot remove files from the catalog
#6570	glite-wms-ui-cli-python-1.0.0-1 provides broken links instead of the submission commands
#6715	Possible wrong tag of org.glite.wms-ui-cli-python module used for Ibuild
#6861	Incorrect error message from glite-catalog-ls command
#6942	glite-catalog-mkdir core dumps
#7008	MANPATH not set on UI
#7089	glite-catalog-mkdir error message has a typo
#7098	Wrong lfn reported for wildcard search using glite-catalog-ls
#7099	Wildcard search on Oracle catalog does not work as on mysql
#7101	problem with glite-catalog-rmdir
#7142	Error with wildcards in catalogs
#7170	glite-catalog-ls -l has a typo
#7180	Logging & Bookkeeping UI
#7214	glite-ui.cfg.xml comes with integration team testbed values filled in
#7215	warnings in the ui configuration script
#7310	Client doesn't know about multiple registries
#7383	glite-ui-config.py crashes with "KeyError: GLITE_WMS_LOCATION"
#7386	Myproxy commands are missing in glite UI
#7462	glite-ui-config.py --help crashes with AttributeError
#7535	The parameter py-ui.DefaultVo should not require extra quotes in the config file
#7694	myproxy values in the PATH and LD_LIBRARY_PATH of the UI

7.1.6. 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
#5037	Cannot retrieve file newly added to the catalog (on lxb1432.cern.ch)
#6476	Can't tell what query type is selected
#6483	Hitting return repeats the last command
#6484	Help could give some examples
#6487	Odd results with tab completion
#6494	Help for insert could be better
#6505	No man page

#6513	Return code is not set
#6515	Might be useful to add a "read"
#6811	Cannot create directories in Oracle Fireman Catalog
#6982	glite-catalog-mkdir -- Unable to create new directory
#7002	glite-catalog-mkdir
#7020	glite-catalog-mkdir (mkdir: getFileCatalogEntry: Access Denied)
#7063	Unable to create directory in /tmp (Oracle catalog)
#7125	Spurious log file by glite-job-status
#7201	glite-job-list-match doesn't support dags
#7212	cryptic parameter "set" in UI deployment module
#7223	ui deployment module not linked from webpage
#7347	UI deployment config module creates wrong glite_wmsui_cmd_var.conf file
#7379	Can overwrite files in the sandbox
#7454	ui config script does not configure voms information
#7482	catalog gives strange message if endpoint is malformed