

GLITE USER INTERFACE

1. RELEASE DESCRIPTION

This release contains the gLite User Interface module v. 1.0.2. 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:

- Added the FTS clients
- Added Service Discovery APIs and clients (used by FTS client). The file based SD requires a new service instance to be configured for each type of service to be discovered. The configuration template contains an example of discovery instance to locate FTS (org.gLite.FileTransfer) services
- Replaced single VOMS RPM with smaller RPMS containing only clients and APIs
- A new parameter, ui.ClientList, allows configuring only the desired clients and ignore the others ones
- 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. 1.0.2 is composed of the following gLite components:

Component name	Description	Version	File
glite-config	gLite configuration scripts	1.2.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-config-1.2.1-1.noarch.rpm
org.gLite.data-api.perl	GLite::HTTPS	1.1.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-api-perl-1.1.1-1.noarch.rpm
org.gLite.data-catalog-api.c	gLite Data Catalogs C/C++ API	2.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-catalog-api-c-2.0.0-2.i386.rpm
org.gLite.data-catalog-api.java	GLite Catalog Services Java client	2.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-api-java-2.0.0-6.noarch.rpm
org.gLite.data-catalog-api.perl	gLite datamanagement Perl API for catalogs	2.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-api-perl-2.0.0-2.noarch.rpm
org.gLite.data-catalog.cli	Data Catalog CLI	1.7.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-catalog-cli-1.7.0-2.i386.rpm
org.gLite.data-catalog.interface	gLite Catalog Interfaces	2.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-interface-2.0.0-6.noarch.rpm
org.gLite.data-config.service	GLite Data Config Service	1.1.8	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-config-service-1.1.8-1.i386.rpm
org.gLite.data-globus-rls-api.perl	Perl API for Globus RLS	1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-globus-rls-api-perl-1.0.0-3.i386.rpm



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org.glite.data-io.base	GLite Data IO Base	1.3.2	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-base-1.3.2-1.i386.rpm
org.glite.data-io.client	GLite Data IO Client APIs	1.3.2	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-client-1.3.2-1.i386.rpm
org.glite.data-io-gss.auth	GLite Data IO GSS Authentication QUANTA Plugin	1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-gss-auth-1.0.0-1.i386.rpm
org.glite.data-io.quanta	GLite Data IO Quanta Transport Layer	1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-io-quanta-1.0.0-1.i386.rpm
org.glite.data-srm-api.c	gLite Data SRM C/C++ API	1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-srm-api-c-1.0.0-15.i386.rpm
org.glite.data-srm-api.perl	Perl API for SRM	1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-srm-api-perl-1.0.0-1.i386.rpm
org.glite.data-transfer-api.c	GLite Data Transfer C/C++ API	2.9.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-transfer-api-c-2.9.0-2.i386.rpm
org.glite.data-transfer-api.java	Java client jar for Data Transfer services	2.9.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-transfer-api-java-2.9.0-1.noarch.rpm
org.glite.data-transfer-api.perl	gLite Transfer Perl API	2.9.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-transfer-api-perl-2.9.0-1.noarch.rpm
org.glite.data-transfer.cli	Data Transfer CLI	1.3.8	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-transfer-cli-1.3.8-2.i386.rpm
org.glite.data-transfer.interface	gLite Transfer Interfaces	2.9.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-transfer-interface-2.9.0-1.noarch.rpm
org.glite.data-util.c	Data C util libraries	1.1.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-data-util-c-1.1.1-1.i386.rpm
org.glite.dgas.common		1.0.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-dgas-common-1.0.1-1.i386.rpm
org.glite.dgas-hlr.clients		1.0.8	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-dgas-hlr-clients-1.0.8-1.i386.rpm
org.glite.dgas-pa.clients		1.0.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-dgas-pa-clients-1.0.1-1.i386.rpm
org.glite.file-transfer-service-client.config	gLite File Transfer Service client installation	1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-file-transfer-service-client-config-1.0.0-0.noarch.rpm
org.glite.io-client.config	gLite I/O Client configuration files	2.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-io-client-config-2.0.0-1.noarch.rpm
org.glite.lb.client	L&B client API and tools	1.0.5	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-client-1.0.5-1.i386.rpm
org.glite.lb-client.interface	L&B client library header files	1.0.3	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-client-interface-1.0.3-1.i386.rpm
org.glite.lb.common	L&B common subroutines library	1.1.6	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-lb-common-1.1.6-1.i386.rpm
org.glite.rgma-api-c	C API for R.GMA	4.1.11	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-c-4.1.11-1.i386.rpm
org.glite.rgma-api-cpp	C++ API for R.GMA	4.1.14	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-cpp-4.1.14-1.i386.rpm
org.glite.rgma-api-java	Java API for R.GMA	4.1.5	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.5-1.noarch.rpm
org.glite.rgma-api-python	Python API for R.GMA	4.1.13	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-api-python-4.1.13-1.i386.rpm
org.glite.rgma-base	R.GMA basic configuration and documentation	4.1.19	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.19-1.noarch.rpm
org.glite.rgma-client-config	gLite R.GMA client	5.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-client-config-5.0.0-1.i386.rpm



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	installation		el30/noarch/RPMS/glite-rgma-client-config-5.0.0-1.noarch.rpm
org.glite.rgma-command-line	R.GMA command line	4.1.13	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-command-line-4.1.13-1.noarch.rpm
org.glite.rgma-common.config	gLite rgma common configuration items installation	5.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.0-1.noarch.rpm
org.glite.rgma-stubs-servlet-java	Java client implementation stubs for R.GMA	4.1.12	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-4.1.12-1.noarch.rpm
org.glite.rgma-system-tests	System tests for R.GMA	4.1.7	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-rgma-system-tests-4.1.7-1.i386.rpm
org.glite.security.trustmanager	The java certificate path checkin for proxy certs in SSL with plugins for tomcat and axis.	1.7.3	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.7.3-1.noarch.rpm
org.glite.security-util.java	The java utilities library for security	1.1.2	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-util-java-1.1.2-2.noarch.rpm
org.glite.security-utils.config	gLite Security Utilities configuration files	1.0.2	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.0.2-2.noarch.rpm
org.glite.security-voms.api		1.5.9	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-1.5.9-0.i386.rpm
org.glite.security-voms-api.c		1.5.9	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-c-1.5.9-2.i386.rpm
org.glite.security-voms-api.cpp		1.5.9	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-api-cpp-1.5.9-0.i386.rpm
org.glite.security-voms.clients		1.5.9	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-security-voms-clients-1.5.9-0.i386.rpm
org.glite.service-discovery-api.c	C API for Service Discovery.	2.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-api-c-2.0.0-0.i386.rpm
org.glite.service-discovery-api.java		2.0.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-api-java-2.0.1-1.noarch.rpm
org.glite.service-discovery-bdii.c	BDII based Service Discovery	2.0.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-bdii-c-2.0.1-1.i386.rpm
org.glite.service-discovery.cli	Service Discovery CLI	2.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-cli-2.0.0-1.i386.rpm
org.glite.service-discovery.config	gLite Service Discovery installation	1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-config-1.0.0-1.noarch.rpm
org.glite.service-discovery-file.c	File based Service Discovery	2.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-file-c-2.0.0-1.i386.rpm
org.glite.service-discovery-rgma.c	C API for Service Discovery.	2.0.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-service-discovery-rgma-c-2.0.1-0.i386.rpm
org.glite.service-discovery-rgma.java		2.0.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-service-discovery-rgma-java-2.0.1-1.noarch.rpm
org.glite.ui.config	gLite User Interface configuration files	1.0.2	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-ui-config-1.0.2-3.noarch.rpm
org.glite.wms.checkpointing	WMS checkpointing module	1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-checkpointing-1.0.0-1.i386.rpm
org.glite.wms.common		1.1.5	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-common-1.1.5-1.i386.rpm



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org.glite.wms.jdl		1.1.5	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-jdl-1.1.5-2.i386.rpm
org.glite.wms.jdlj		1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-jdlj-1.0.0-1.i386.rpm
org.glite.wms-thirdparty.bypass		2.5.3	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-thirdparty-bypass-2.5.3-9.i386.rpm
org.glite.wms-ui-api.cpp		1.0.4	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-ui-api-cpp-1.0.4-1.i386.rpm
org.glite.wms-ui-api.java		1.0.4	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-ui-api-java-1.0.4-1.i386.rpm
org.glite.wms-ui-cli.python		1.0.6	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-ui-cli-python-1.0.6-1.i386.rpm
org.glite.wms-ui.configuration		1.0.3	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-ui-configuration-1.0.3-1.i386.rpm
org.glite.wms-ui.partitionner		1.0.3	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-ui-partitioner-1.0.3-1.i386.rpm
org.glite.wms-ui-wrap.java		1.0.4	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-java-1.0.4-1.i386.rpm
org.glite.wms-ui-wrap.python		1.0.4	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-ui-wrap-python-1.0.4-1.i386.rpm
org.glite.wms-utils.exception		1.0.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-utils-exception-1.0.1-1.i386.rpm
org.glite.wms-utils.jobid		1.0.0	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-utils-jobid-1.0.0-1.i386.rpm
org.glite.wms-utils.tls		1.0.1	http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/i386/RPMS/glite-wms-utils-tls-1.0.1-1.i386.rpm

4. DEPENDENCIES

The gLite User Interface module has the following dependencies:

Component name	Version	RPM file name
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	2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/jclassads-2.2-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 the following 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>.

- If the /etc/grid-mapdir/vomsdir directory (or an alternative directory specified by the X509_VOMS_DIR environment variable) exists, but it's empty, the FTS clients fail with a segmentation fault. In any case that directory should not be empty for VOMS to work, but it must contain the public certificates of all required VOMS servers
- 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	
#8417	Man Pages for command lines	
#8655	In the UI configuration a <set> tag is required which is not xml allowed	
#8719	glite-seindex-list hangs for ever	

#8769	Fireman Oracle: Cannot create symlinks	
#8982	Unable use of Oracle Fireman catalog from UI	
#9033	Catalog CLI: it is not possible to submit bulk create requests	
#9036	FTS: the version reported by the CLI from the webservice is incorrect	
#9243	glite put/get fails while putting files bigger than 2 Gb.	
#9578	Data modules use incorrect service types	
#9594	Data Transfer CLIs always expect the service type to be FileTransfer	
#9595	glite-ui-config.py fails using /tmp as user writable dir.	
#9622	FTS: glite-transfer-channel-list command from the UI hangs forever	
#9676	Different behaviour with empty /etc/grid-security/vomsdir	

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

Bug number	Description	
#8416	glite-catalog-find returns all entries	
#8480	glite-ui_installer.sh crashes for a syntax error	
#8632	"changeme" is not correctly checked in the UI deployment module	
#8795	FTS: any glite-transfer-channel-set command sets the channel Active	
#8913	FTS: channel-set CLI should shoud allow Halted, Drain and Stopped	
#9191	FTS: CLI tools need timeouts	
#9237	FTS: glite-transfer-list should have -a option	
#9398	FTS: mysterious failure on PUT when it apparently completed OK	
#9597	glite-ui-config.py generates obsolete services.xml file	

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	
#7438	rgma-client fails to see JAVA_HOME even if set	
#7617	glite-catalog ls fails to load shared libraries (GLITE v1.0.10)	
#7932	missing dependency in catalogue cli	
#9121	FTS client installation	