

GLITE I/O CLIENT

1. RELEASE DESCRIPTION

This release contains the gLite I/O Client module v. 2.2.0. The following sections provide additional information about the release content, the module dependencies, the know bugs and issues and a list of bugs closed since the previous release. For information about installing and using the gLite I/O Client, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

2.1. CHANGES IN FUNCTIONALITY

This release includes the following changes:

- glite-data-io-client:
 - Send error messages to stderr using the log4cpp.
 - Using the PACKAGE_VERSION variable created by the autotools to be the program version (this variable is update automatically by the bootstrap when the version is changed in project/version.properties)

2.2. CHANGES IN CONFIGURATION

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 Client module requires the following sub-modules:

- gLite Security Utilities
- gLite Service Discovery
- gLite R-GMA Client (to be installed manually if R-GMA service discovery is used)

The sub-modules are automatically installed with the I/O Client module unless differently specified. For more information about these sub-modules please refer to the specific release notes and installation instructions.

3.2. GLITE RPMS

The gLite I/O Client v. 2.2.0 is composed of the following gLite components:

Component name	Description	Version	File
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Release Notes

Doc. Identifier:
release_notes.doc

Date: 20/01/2006

glite-config	gLite configuration scripts	1.6.22	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-config-1.6.22-1.noarch.rpm
glite-data-config-service	GLite Data Config Service	1.2.4	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-config-service-1.2.4-1.noarch.rpm
glite-data-io-base	GLite Data IO Base	2.0.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-io-base-2.0.0-1.noarch.rpm
glite-data-io-client	GLite Data IO Client APIs	1.5.2	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-io-client-1.5.2-1.noarch.rpm
glite-data-io-gss-auth	GLite Data IO GSS Authentication QUANTA Plugin	1.0.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-io-gss-auth-1.0.0-1.noarch.rpm
glite-data-io-quanta	GLite Data IO Quanta Transport Layer	1.0.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-io-quanta-1.0.0-1.noarch.rpm
glite-data-util-c	Data C util libraries	1.2.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-data-util-c-1.2.0-1.noarch.rpm
glite-essentials-cpp	Essential C/C++ libraries for gLite software	1.1.1	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-essentials-cpp-1.1.1-1_EGEE.noarch.rpm
glite-io-client-config	gLite I/O Client installation	2.2.0	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-io-client-config-2.2.0-1.noarch.rpm
glite-security-utils-config	gLite Security Utilities configuration files	1.2.2	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.2.2-1.noarch.rpm
glite-security-voms-api-c		1.6.10	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-security-voms-api-c-1.6.10-0.noarch.rpm
glite-service-discovery-config	gLite Service Discovery installation	1.1.1	http://glite.web.cern.ch/glite/packages/R1.5/R20051130/bin/rhel30/noarch/RPMS/glite-service-discovery-config-1.1.1-1.noarch.rpm

4. DEPENDENCIES

The gLite I/O Client module v. 2.2.0 has the following dependencies:

Component name	Description	Version	File
gpt	The Grid Packaging Toolkit (GPT)	VDT1.2.2rh9	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.2rh9-1.noarch.rpm
gridsite	GridSite	1.1.15	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gridsite-1.1.15-1.noarch.rpm
vdt_globus_essentials	Virtual Data Toolkit	VDT1.2.2rh9	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.2rh9-1.noarch.rpm

5. KNOWN BUGS AND ISSUES

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.

Known open bugs:

Bug number	Description
#12517	IO Client: change in the command line interface not reported in the release notes

The following bugs have been fixed in this or previous releases, but they have not been tested yet:

Bug number	Description	
#7765	gLite I/O Improve glite-io-client error reporting	
#10045	glite-io-client-config does not accept --subservice argument	

6. BUGS CLOSED SINCE LAST RELEASE

This release fixes the following bugs and issues. Bug numbers refer to the gLite Bug Tracking system database hosted on the CERN Savannah system at <https://savannah.cern.ch/bugs/?group=jralmdw>

Bug number	Description	
#10882	glite I/O incorrect error message when glite-io-client.properties.xml is missing	