

GLITE DATA MANAGEMENT FILE PLACEMENT SERVICE (ORACLE)

1. RELEASE DESCRIPTION

This release contains the gLite Data Management File Transfer Service for Oracle module v. 2.1.1. 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 Data Management File Transfer Service, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

The main changes in this release are:

- Cancel operation is now bulk - receives list of request ids
- New functionality to update job priority within the VO (to be done by ADMIN or VO manager)
- Updated configuration options:
 - dropped cancel/query_admin_mapfile and cancel/query_admin_voms_attribute
 - renamed manager_admin/submit_admin_mapfile and manager_admin/submit_admin_voms_attribute to admin/submit_mapfile and admin/submit_voms_attributes
 - added veto_mapfile
 - instead of a single voms attribute now lists of voms attributes are supported
- New authorization scheme. Summary:
 - ADMIN - all privileges on service (including submit jobs)
 - Channel manager - may update channel info, query all information related to channel (including requests)
 - VO manager - may query all information related to VO (including requests)
 - Submitter - may submit jobs
 - Vetoed - all privileges revoked (even if client has one of the other roles above)
- Channel managers and admin can set vo share on channels
- New VO management functionality (add/remove/list VO managers)
- New channel management functionality (add/remove/list channel managers)
- Removed Oracle instant client dependency
- Bug fixes and improvements to the service.

3. RELEASE CONTENTS

The gLite Data Management File Placement Service v. 2.1.1 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/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-config-1.2.1-



Release Notes

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			l.noarch.rpm
org.gLite.data-catalog-api.c	gLite Data Catalogs C/C++ API	2.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-data-catalog-api-c-2.0.0-3.i386.rpm
org.gLite.data-catalog-api.java	GLite Catalog Services Java client	2.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-data-catalog-api-java-2.0.0-6.noarch.rpm
org.gLite.data-catalog.cli	Data Catalog CLI	1.7.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/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/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-data-catalog-interface-2.0.0-6.noarch.rpm
org.gLite.data-common	common files for gLite Data Management web.services	1.2.1	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-data-common-1.2.1-1.noarch.rpm
org.gLite.data-config.service	GLite Data Config Service	1.1.9	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-data-config-service-1.1.9-1.i386.rpm
org.gLite.data-srm-api.c	gLite Data SRM C/C++ API	1.1.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-data-srm-api-c-1.1.0-1.i386.rpm
org.gLite.data-transfer.agents	gLite Data Transfer Agents	2.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-data-transfer-agents-2.0.0-4.i386.rpm
org.gLite.data-transfer-api.c	GLite Data Transfer C/C++ API	3.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-data-transfer-api-c-3.0.0-2.i386.rpm
org.gLite.data-transfer.cli	Data Transfer CLI	3.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-data-transfer-cli-3.0.0-1.i386.rpm
org.gLite.data-transfer.common	gLite Transfer Services Common library	3.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-data-transfer-common-3.0.0-5.noarch.rpm
org.gLite.data-transfer.fps	gLite File Placement Service (FPS)	3.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-data-transfer-fps-3.0.0-5.noarch.rpm
org.gLite.data-transfer.interface	gLite Transfer Interfaces	3.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-data-transfer-interface-3.0.0-3.noarch.rpm
org.gLite.data-transfer-url.copy	gLite Data Transfer URL Copy	1.3.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-data-transfer-url-copy-1.3.0-1.i386.rpm
org.gLite.data-util.c	Data C util libraries	1.1.2	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-data-util-c-1.1.2-1.i386.rpm
org.gLite.file-placement-service-oracle.config	@build.package.summary@	2.1.1	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-file-placement-service-oracle-config-2.1.1-1.noarch.rpm
org.gLite.rgma-api-java	Java API for R.GMA	4.1.5	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.5-1.noarch.rpm
org.gLite.rgma-base	R.GMA basic configuration and documentation	4.1.19	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.19-1.noarch.rpm
org.gLite.rgma-common.config	gLite rgma common configuration items installation	5.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.0-1.noarch.rpm
org.gLite.rgma-servicetool	R.GMA service tool	4.1.19	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-4.1.19-3.noarch.rpm



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org.glite.rgma-servicetool-config	gLite R.GMA servicetool installation	5.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-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/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-rgma-stubs-servlet-java-4.1.12-1.noarch.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/R1.3/R20050805/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/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-security-util-java-1.1.2-2.noarch.rpm
org.glite.security-utils.config	gLite Security Utilities configuration files	1.0.3	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.0.3-1.noarch.rpm
org.glite.security-voms-api.c		1.5.9	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-security-voms-api-c-1.5.9-2.i386.rpm
org.glite.service-discovery-api.c	C API for Service Discovery.	2.0.1	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-service-discovery-api-c-2.0.1-0.i386.rpm
org.glite.service-discovery-file.c	File based Service Discovery	2.0.0	http://glite.web.cern.ch/glite/packages/R1.3/R20050805/bin/rhel30/i386/RPMS/glite-service-discovery-file-c-2.0.0-1.i386.rpm

4. DEPENDENCIES

The gLite File Transfer Service module v. 2.1.1 has the following dependencies:

Component name	Version	RPM file name
gLite C/C++ Essentials	1.1.1	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/glite-essentials-cpp-1.1.1-1_EGEE.i386.rpm
GPT	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/gpt-VDT1.2.2rh9-1.i386.rpm
VDT Globus Essentials	VDT 1.2.2	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/vdt_globus_essentials-VDT1.2.2rh9-1.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
perl-Expect.pm	1.01	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/perl-Expect.pm-1.01-9.i386.rpm
myproxy	1.14	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/myproxy-1.14-EGEE.i386.rpm
Tomcat	5.0.28	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat5-5.0.28-9_EGEE.i386.rpm
Java JRE/SDK	1.4.2	http://java.sun.com/j2se/1.4.2/download.html
Oracle InstantClient	10.1.0.4	http://www.oracle.com/technology/software/tech/oci/instantclient/htdocs/linuxsoft.html

The Oracle InstantClient libraries and executables are not freely redistributable and are not included with this release. The four RPMS have to be downloaded from the Oracle web site and installed on the system before installing the gLite File Transfer Service module.

5. KNOWN BUGS AND ISSUES

This release has the following 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=jra1mdw> .

- For service discovery to work for FPS clients, the File Placement Service instances must be published (in R-GMA or files) using the service type `org.glite.FilePlacement` and `org.glite.ChannelManagement`, instead of the types `org.glite.data.FileTransfer` and `org.glite.data.ChannelManagement` mandated by the gLite service publishing conventions. This will be fixed in a future release. The provided configuration templates use `org.glite.FilePlacement` and `org.glite.ChannelManagement` for the moment
- 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
#9993	FPS: listvomanagers only lists managers if you are a manager
#9591	FPS: the <code>getVersion</code> method doesn't return a version value
#9883	FPS: the interface has to be able to accept FTS jobs.
#10000	FTS/FPS: I don't like the name

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

Bug Number	Description
#6390	AXIS configuration in <code>glite-data-transfer-fps</code> is missing
#7081	<code>fps</code> apidoc improvement
#7517	FTS: rename <code>FilePlacement</code> or <code>FileTransfer</code> , <code>fps</code> -> <code>fts</code>

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
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