

GLITE DATA MANAGEMENT SINGLE CATALOG FOR ORACLE

1. RELEASE DESCRIPTION

This release contains the gLite Data Management Single Catalog for Oracle module v. 1.0.0. 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 Data Management Single Catalog for Oracle, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

This release doesn't introduce any new features, just bug fixes

3. RELEASE CONTENTS

The gLite Data Management Single Catalog for Oracle v. 1.0.0 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.data-single-catalog-oracle-config	1.0.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/installers/glite-data-local-transfer-service_installer.sh http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-single-catalog-oracle-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-catalog-service-fr	2.0.14	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-2.0.14-1.noarch.rpm
glite-data-common	1.1.8	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-common-1.1.8-1.noarch.rpm

4. DEPENDENCIES

The gLite Data Management Single Catalog for Oracle module v. 1.0.0 has the following dependencies:

Component name	Version	RPM file name
gLite R-GMA Service Publisher	4.2.0	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/installers/glite-security-utils_installer.sh
Tomcat	5.0.28	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat5-5.0.28-4_EGEE.i386.rpm
Java SDK	1.4.2	http://java.sun.com/j2se/1.4.2/download.html
Oracle JDBC Drivers	10.1.0.4	http://www.oracle.com/technology/software/tech/java/sqlj_jdbc/htdocs/jdbc101040.html

Java and the Oracle JDBC drivers cannot be freely redistributed with gLite and have to be installed before installing the gLite Data Management Single Catalog for Oracle. Please consult the Sun and Oracle web sites for more information on licencing issues.

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>.

- 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	
#5581	Cannot remove files from the catalog	
#6730	LFN normalisation needs to be done in Fireman catalogs	
#6755	Fireman catalog - Oracle - seems top be down	
#7277	glite-data-single-catalog-config v. 0.1.3 scratches my DB	

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

Bug number	Description	
#5633	Fireman catalog: "java.lang.reflect.InvocationTargetException" during bulk creation of entries	
#5723	Fireman catalog: "500 Internal Server Error" response to readDir call after killing a client during a bulk create call	
#5923	Fireman catalog: Exceptions while creating entries (via bulks) with 10 clients simultaneously	
#6465	services/FileCatalog automatically added to the Fireman endpoint	

6. BUGS CLOSED SINCE LAST RELEASE

This is the first public release of this module. 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)
#5755	Fireman catalog: "500 Internal Server Error" response to readDir after simultaneous bulk create from multiple clients
#5820	Fireman catalog: "500 (Internal Server Error) read timeout" when calling readDir
#6573	Where is the Fireman Catalog ????
#6811	Cannot create directories in Oracle Fireman Catalog
#7063	Unable to create directory in /tmp (Oracle catalog)
#7482	catalog gives strange message if endpoint is malformed

7. PREVIOUS RELEASES

7.1. RELEASE 0.1.2

7.1.1. RELEASE DESCRIPTION

This release contains the gLite Data Management Single Catalog for Oracle module v. 0.1.2. 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. For information about installing and using the gLite Data Management Single Catalog for Oracle, please refer to the gLite Installation and User Guides.

7.1.2. CHANGES IN THIS RELEASE

This is the first public release of this module

7.1.3. RELEASE CONTENTS

The gLite Data Management Single Catalog for Oracle v. 0.1.2 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.data-single-catalog-oracle-config	0.1.2	http://glite.web.cern.ch/glite/packages/I20050225/installers/glite-data-local-transfer-service_installer.sh http://glite.web.cern.ch/glite/packages/I20050225/bin/rhel30/noarch/RPMS/glite-data-single-catalog-oracle-config-0.1.2-1.noarch.rpm
org.glite.deployment.config	0.8.2	http://glite.web.cern.ch/glite/packages/I20050225/bin/rhel30/noarch/RPMS/glite-config-0.8.2-1.noarch.rpm
glite-data-catalog-service-fr	2.0.8	http://glite.web.cern.ch/glite/packages/I20050225/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-2.0.8-1.noarch.rpm
glite-data-common	1.1.6	http://glite.web.cern.ch/glite/packages/I20050225/bin/rhel30/noarch/RPMS/glite-data-common-1.1.6-1.noarch.rpm

7.1.4. DEPENDENCIES

The gLite Data Management Single Catalog for Oracle module has the following dependencies:

Component name	Version	RPM file name
gLite Security Utilities	0.6.1	http://glite.web.cern.ch/glite/packages/I200500218/installers/glite-security-utils_installer.sh
Oracle JDBC Drivers	10.1.0.2.0	http://otn.oracle.com/software/products/database/oracle10g/index.html
Oracle SQLJ Translator	9.2.0.1.0	http://www.oracle.com/technology/software/tech/java/sqlj_jdbc/index.html
Tomcat	5.0.28	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat5-5.0.28-4_EGEE.i386.rpm

The Oracle JDBC drivers and the SQLJ translator cannot be freely redistributed. Please consult the Oracle web site for more information on licencing issues.

7.1.5. 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> .

- 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.
- No boot-time init.d script is provided or configured with this release. This will be fixed in a future release

Known open bugs:

Bug number	Description	
#6755	Fireman catalog - Oracle - seems top be down	
#7078	Fireman-Oracle: Wrong date for newly created file	
#7099	Wildcard search on Oracle catalog does not work as on mysql	
#6876	Cannot remove remote file	
#6951	Multiple clients cannot create multiple directories	
#5723	Fireman catalog: "500 Internal Server Error" response to readDir call after killing a client during a bulk create call	
#6731	if inserting a file into the root directory, two slashes are used for the filename instead of one	
#6882	Problems with more than 1000 files per dir in Oracle Fireman	
#6969	Cannot create a directory in Oracle Fireman	
#6993	Oracle Fireman: bug in LFN normalization	
#7063	Unable to create directory in /tmp (Oracle catalog)	

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

Bug number	Description	
#5633	Fireman catalog: "java.lang.reflect.InvocationTargetException" during bulk creation of entries	
#5923	Fireman catalog: Exceptions while creating entries (via bulks) with 10 clients simultaneously	
#6730	LFN normalisation needs to be done in Fireman catalogs	

7.1.6. BUGS CLOSED SINCE LAST RELEASE

This is the first public release of this module. 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