

GLITE DATA MANAGEMENT SINGLE CATALOG

1. RELEASE DESCRIPTION

This release contains the gLite Data Management Single Catalog for MySSQL 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, please refer to the gLite Installation and User Guides.

2. CHANGES IN THIS RELEASE

This release doesn't contain any functional changes, just bug fixing. The version number has been increased for the official release of gLite v. 1.0

3. RELEASE CONTENTS

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

Component name	Version	File
org.glite.deployment.data-single-catalog	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-local-transfer-service-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-mysql	1.2.1	http://glite.web.cern.ch/glite/packages/R1.0/R20050331/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-mysql-1.2.1-1.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 module 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
MySQL-server	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm
MySQL-client	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.0.20-0.i386.rpm
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/JRE	1.4.2	http://java.sun.com/j2se/1.4.2/download.html

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=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
#7256	data-catalog-api-c-2.0.0 let me create twice the same entry in the catalog
#7277	glite-data-single-catalog-config v. 0.1.3 scratches my DB
#5581	Cannot remove files from the catalog
#6730	LFN normalisation needs to be done in Fireman catalogs
#7089	glite-catalog-mkdir error message has a typo

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

Bug number	Description
#7309	Single Catalog config script looks for J2SDK
#7476	Single Catalog MySQL config script does not modify tomcat5.conf file
#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 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
#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
#7482	catalog gives strange message if endpoint is malformed

7. PREVIOUS RELEASES

7.1. RELEASE 0.1.3

7.1.1. Release Description

This release contains the gLite Data Management Single Catalog for MySSQL module v. 0.1.3. 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, please refer to the gLite Installation and User Guides.

7.1.2. Changes in this Release

This release doesn't contain any functional changes, just bug fixing.

7.1.3. Release contents

The gLite Data Management Single Catalog v. 0.1.3 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.data-single-catalog	0.1.3	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-local-transfer-service-config-0.1.3-1.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-mysql	1.1.0	http://glite.web.cern.ch/glite/packages/I20050225/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-mysql-1.1.0-1.noarch.rpm

7.1.4. Dependencies

The gLite Data Management Single Catalog 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
MySQL-server	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm
MySQL-client	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.0.20-0.i386.rpm
Tomcat	5.0.28	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat5-5.0.28-4_EGEE.i386.rpm

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=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.
- 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	
#6687	Multiple Clients and Fireman:MySQL	
#6871	There are no test reports provided for the Date Single Catalog in gLite v1.0.6 RC1 (Integration Build I20050204)	
#6951	Multiple clients cannot create multiple directories	
#6991	MySQL Fireman: readDir() returns two slashes for symlinks in the root directory	
#6994	MySQL Fireman: bug in LFN normalization	
#7070	MySQL Fireman: updateModifyTime() also changes the creation and the validity time	
#6465	services/FileCatalog automatically added to the Fireman endpoint	
#6657	Fireman Service SOAP Error	
#6724	MySQL Fireman: setPermission() does not remove ACL entries	
#6910	MySQL Fireman: readDir() skips entries	
#6946	MySQL Fireman configuration doesn't create indexes	
#6985	MySQL Fireman: adding first replica with the masterReplica flag being true fails	
#7071	Checking permission, Mysql Fireman interprets LFN's as GUID's	
#6637	Fireman: Invalid timestamp exception when using readDir "/"	
#6672	MySQL fireman: symlink deletion/recreation problem	
#6673	MySQL Fireman: readDir() fails on directories having subdirectories	
#6725	MySQL Fireman: modifyTime and validityTime is not set for directories	
#6730	LFN normalisation needs to be done in Fireman catalogs	

7.1.6. 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=jra1mdw>

Bug number	Description
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7.2. RELEASE 0.1.2

7.2.1. Release Description

This release contains the gLite Data Management Single Catalog module v. 0.1.2. 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, please refer to the gLite Installation and User Guides.

7.2.2. Changes in this Release

This release contains the following changes:

- Implemented the remote site configuration feature
- Added configuration script
- io-client, io-resolve-fireman, io-resolve-fr:
Do not set group name; catalog server does it.
- catalog-interface:
Not generating unused classes into the WSDL.
- catalog-service-fr:
Added storageindex port-type
Configuration updates.
- catalog-service-fr-mysql:
Added storageindex port-type (catalog-service-storageindex can be still deployed as a standalone service)

7.2.3. Release contents

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

Component name	Version	File
org.glite.deployment.data-single-catalog	0.1.1	http://glite.web.cern.ch/glite/packages/I20050204/installers/glite-data-local-transfer-service_installer.sh http://glite.web.cern.ch/glite/packages/I20050204/bin/rhel30/noarch/RPMS/glite-data-local-transfer-service-config-0.1.1-1.noarch.rpm
org.glite.deployment.config	0.7.2	http://glite.web.cern.ch/glite/packages/I20050204/bin/rhel30/noarch/RPMS/glite-config-0.4.1-1.noarch.rpm
glite-data-catalog-service-fr-mysql	1.0.0	http://glite.web.cern.ch/glite/packages/I20050204/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-mysql-1.0.0-2.noarch.rpm
glite-data-catalog-service-meta	0.3.0	http://glite.web.cern.ch/glite/packages/I20050204/bin/rhel30/noarch/RPMS/glite-data-catalog-service-meta-0.3.0-1.noarch.rpm

7.2.4. Dependencies

The gLite Workload Management System module has the following dependencies:

Component name	Version	RPM file name
gLite Security Utilities	0.5.0	http://glite.web.cern.ch/glite/packages/I20050121/installers/glite-security-utils_installer.sh
MySQL-server	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm
MySQL-client	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.0.20-0.i386.rpm
Tomcat	5.0.28	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/to

		mcat5-5.0.28-3_EGEE.i386.rpm
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7.2.5. Known bugs and issues

The internal version number of this module is still 0.1.1, although the content has changed. This was due to the wrong inclusion of the version file in the build. This is actually v. 0.1.2.

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=jralmdw>.

Bug number	Description
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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.

7.2.6. 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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7.3. RELEASE 0.1.1

7.3.1. Release Description

This release contains the gLite Data Management Single Catalog module v. 0.1.1. 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. For information about installing and using the gLite Data Management Single Catalog, please refer to the gLite Installation and User Guides.

7.3.2. Changes in this Release

This release contains a beta version of the configuration script to be released to testing.

7.3.3. Release contents

The gLite Data Management Single Catalog v. 0.1.1 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.data-single-catalog	0.1.1	http://glite.web.cern.ch/glite/packages/I20050121/installers/glite-data-local-transfer-service_installer.sh http://glite.web.cern.ch/glite/packages/I20050121/bin/rhel30/noarch/RPMS/glite-data-local-transfer-service-config-0.1.0-1.noarch.rpm
org.glite.deployment.config	0.5.3	http://glite.web.cern.ch/glite/packages/I20050121/bin/rhel30/noarch/RPMS/glite-config-0.4.1-1.noarch.rpm
glite-data-catalog-service-fr-mysql	1.0.0	http://glite.web.cern.ch/glite/packages/I20050121/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-mysql-1.0.0-2.noarch.rpm
glite-data-catalog-	0.3.0	http://glite.web.cern.ch/glite/packages/I20050121/bin/rhel30/noarch/RPMS/g

service-meta		lite-data-catalog-service-meta-0.3.0-1.noarch.rpm
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7.3.4. Dependencies

The gLite Workload Management System module has the following dependencies:

Component name	Version	RPM file name
gLite Security Utilities	0.5.0	http://glite.web.cern.ch/glite/packages/I20050121/installers/glite-security-utils_installer.sh
MySQL-server	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm
MySQL-client	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.0.20-0.i386.rpm
Tomcat	5.0.28	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat5-5.0.28-3_EGEE.i386.rpm

7.3.5. 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=jralmdw> .

Bug number	Description
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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.

7.3.6. 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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7.4. RELEASE 0.1.0

7.4.1. Release Description

This release contains the gLite Data Management Single Catalog module v. 0.1.0. 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. For information about installing and using the gLite Data Management Single Catalog, please refer to the gLite Installation and User Guides.

7.4.2. Changes in this Release

This is the first public release of this component. It contains the installer script to install the Single Catalog and its dependencies. There is no configuration script in this release.

7.4.3. Release contents

The gLite Data Management Single Catalog v. 0.1.0 is composed of the following gLite components:

Component name	Version	File
org.glite.deployment.data-single-catalog	0.1.0	http://glite.web.cern.ch/glite/packages/I20050114/installers/glite-data-local-transfer-service_installer.sh http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-data-local-transfer-service-config-0.1.0-1.noarch.rpm
org.glite.deployment.config	0.4.1	http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-config-0.4.1-1.noarch.rpm
glite-data-catalog-service-fr-mysql	1.0.0	http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-mysql-1.0.0-2.noarch.rpm
glite-data-catalog-service-meta	0.3.0	http://glite.web.cern.ch/glite/packages/I20050114/bin/rhel30/noarch/RPMS/glite-data-catalog-service-meta-0.3.0-1.noarch.rpm

7.4.4. Dependencies

The gLite Workload Management System module has the following dependencies:

Component name	Version	RPM file name
gLite Security Utilities	0.4.0	http://glite.web.cern.ch/glite/packages/I20050114/installers/glite-security-utils_installer.sh
MySQL-server	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm
MySQL-client	4.0.20	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.0.20-0.i386.rpm
Tomcat	5.0.28	http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat-5.0.28-2_EGEE.i386.rpm

7.4.5. 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=jralmdw>.

Bug number	Description

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.

7.4.6. 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



Release Notes

Doc. Identifier:
release_notes.doc

Date: 31/03/2005
