

## GLITE DATA MANAGEMENT SINGLE CATALOG (FIREMAN)

### 1. RELEASE DESCRIPTION

This release contains the gLite Data Management Single Catalog (Fireman) for MySQL module v. 2.0.0. 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 contains the following changes:

- DLI WSDL filename has changed
- Adding Full Metadata Support in fr-mysql
- Re-structuring code to optimized merge between metadata and fireman catalog (currently, authorization is doubled in code and in the database tables);
- Changes to schema.sql : Preparing metadata support
- The standard world-writable directories /free and /temp are now created in the same way as in the Oracle version
- The configuration script now has a new --configure command line switch to execute the configuration steps only without starting the services. The --start switch must be used to start the services. Running the script without options print usage instructions
- R-GMA Service Publisher parameters updated to use new common conventions (please make sure you use the new configuration templates)
- Bug fixes (see complete list later in this notes)

### 3. RELEASE CONTENTS

The gLite Data Management Single Catalog v. 2.0.0 is composed of the following gLite components:

Component name	Description	Version	File
glite-config	gLite configuration scripts	1.2.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-config-1.2.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-config-1.2.1-1.noarch.rpm</a>
org.glite.data-catalog-service-fr.mysql	gLite Data Catalog Service (MySQL version)	1.4.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-mysql-1.4.0-2.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-catalog-service-fr-mysql-1.4.0-2.noarch.rpm</a>
org.glite.data-common	common files for gLite Data Management web.services	1.2.1	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-common-1.2.1-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-common-1.2.1-1.noarch.rpm</a>
org.glite.data-single-catalog.config	gLite Fireman Catalog for MySQL node configuration files	2.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-single-catalog-config-2.0.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-data-single-catalog-config-2.0.0-1.noarch.rpm</a>



# Release Notes

Doc. Identifier:

release\_notes.doc

Date: 22/07/2005

org.glite.rgma-api-java	Java API for R.GMA	4.1.5	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.5-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-api-java-4.1.5-1.noarch.rpm</a>
org.glite.rgma-base	R.GMA basic configuration and documentation	4.1.19	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.19-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-base-4.1.19-1.noarch.rpm</a>
org.glite.rgma-common.config	gLite rgma common configuration items installation	5.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-common-config-5.0.0-1.noarch.rpm</a>
org.glite.rgma-servicetool	R.GMA service tool	4.1.19	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-4.1.19-3.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-4.1.19-3.noarch.rpm</a>
org.glite.rgma-servicetool-config	gLite R.GMA servicetool installation	5.0.0	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-config-5.0.0-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-rgma-servicetool-config-5.0.0-1.noarch.rpm</a>
org.glite.rgma-stubs-servlet-java	Java client implementation stubs for R.GMA	4.1.12	<a href="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">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</a>
org.glite.security.trustmanager	The java certificate path checkin for proxy certs in SSL with plugins for tomcat and axis.	1.7.3	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.7.3-1.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-trustmanager-1.7.3-1.noarch.rpm</a>
org.glite.security-util.java	The java utilities library for security	1.1.2	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-util-java-1.1.2-2.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-util-java-1.1.2-2.noarch.rpm</a>
org.glite.security-utils.config	gLite Security Utilities configuration files	1.0.2	<a href="http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.0.2-2.noarch.rpm">http://glite.web.cern.ch/glite/packages/R1.2/R20050715/bin/rhel30/noarch/RPMS/glite-security-utils-config-1.0.2-2.noarch.rpm</a>

## 4. DEPENDENCIES

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

Component name	Version	RPM file name
MySQL-server	4.1.11	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-server-4.0.20-0.i386.rpm</a>
MySQL-client	4.1.11	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.0.20-0.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/MySQL-client-4.0.20-0.i386.rpm</a>
Tomcat	5.0.28	<a href="http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat5-5.0.28-9_EGEE.i386.rpm">http://glite.web.cern.ch/glite/packages/externals/bin/rhel30/RPMS/tomcat5-5.0.28-9_EGEE.i386.rpm</a>
Java SDK/JRE	1.4.2	<a href="http://java.sun.com/j2se/1.4.2/download.html">http://java.sun.com/j2se/1.4.2/download.html</a>

## 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	
#9680	Fireman MySQL: default directory rights should be modified.	
#9681	Fireman MySQL: default file rights should be modified.	

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

Bug number	Description	
#8682	After the Single Catalog (MYSQL) installation /etc/grid-security/vomsdir is not created	
#8437	Not possible to create dirs/files in Fireman catalog in secure mode	
#8438	glite-catalog-chkperm (MySQL version) only checks user permissions	
#8643	MySQL Fireman Catalog doesn't work in secure mode for me.	
#8730	glite-catalog-chmod fails when subject specifier it's not "a" (all)	
#8918	Fireman MySQL: wrong error message trying to delete an entry for which I don't have delete permission	

## 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	
#8068	SC: "rgma.servicetool.status_script" really to be configured by SA?	
#8484	When a Fireman catalog server is re-configured, all the contents are lost	