

Introduction

This document is addressed to site administrators responsible for middleware installation and configuration. Goal of this wiki page is to provide some hints and examples about how to install and configure a IG User Interface (UI) based on gLite middleware.

Repository settings for x86_64

```
$ cd /etc/yum/repos.d/

$ wget http://repo-pd.italiangrid.it/mrepo/repos/glite/sl5/x86_64/dag.repo
$ wget http://repo-pd.italiangrid.it/mrepo/repos/glite/sl5/x86_64/ig.repo
$ wget http://repository.egi.eu/sw/production/cas/1/current/repo-files/egi-trustanchors.repo
$ wget http://repo-pd.italiangrid.it/mrepo/repos/glite/sl5/x86_64/glite-ui.repo
```

Update host and perform the installation of package(s)

```
$ yum clean all

$ yum groupinstall ig_UI_noafs

$ yum clean all
$ yum groupinstall ig_UI_noafs
Loaded plugins: kernel-module
dag
dag/primary
dag
glite-UI_sl5_x86_64_externals
glite-UI_sl5_x86_64_externals/primary
glite-UI_sl5_x86_64_externals
glite-UI_sl5_x86_64_release
glite-UI_sl5_x86_64_release/primary
glite-UI_sl5_x86_64_release
glite-UI_sl5_x86_64_updates
glite-UI_sl5_x86_64_updates/primary
glite-UI_sl5_x86_64_updates
ig_sl5_x86_64
ig_sl5_x86_64/primary
ig_sl5_x86_64
ig_sl5_x86_64_externals
ig_sl5_x86_64_externals/primary
ig_sl5_x86_64_externals
sl-base
sl-base/primary_db
sl-security
sl-security/primary_db
Setting up Group Process
glite-UI_sl5_x86_64_release/group
ig_sl5_x86_64/group
sl-base/group
Resolving Dependencies
There are unfinished transactions remaining. You might consider running yum-complete-transaction
The program yum-complete-transaction is found in the yum-utils package.
--> Running transaction check
---> Package CGSI_gSOAP_2.7.i386 0:1.3.3-2.sl5 set to be updated
---> Package CGSI_gSOAP_2.7.x86_64 0:1.3.3-2.sl5 set to be updated
---> Package CGSI_gSOAP_2.7-voms.i386 0:1.3.3-2.sl5 set to be updated
---> Package CGSI_gSOAP_2.7-voms.x86_64 0:1.3.3-2.sl5 set to be updated
---> Package GFAL-client.i386 0:1.11.8-3.sl5 set to be updated
---> Package GFAL-client.x86_64 0:1.11.8-3.sl5 set to be updated
---> Package SAGA.api-java.noarch 0:1.0.1-2 set to be updated
--> Processing Dependency: jdk >= 1.5.0 for package: SAGA.api-java
---> Package SAGA.lsu-cpp.engine.x86_64 0:1.3.3-1.sl5 set to be updated
```

InstallationAndConfigurationOfAGLiteUI < SiteAdminCorner < TWiki

```
--> Processing Dependency: libboost_python.so.2()(64bit) for package: SAGA.lsu-cpp.engine
--> Processing Dependency: libboost_regex.so.2()(64bit) for package: SAGA.lsu-cpp.engine
--> Processing Dependency: libboost_iostreams.so.2()(64bit) for package: SAGA.lsu-cpp.engine
--> Processing Dependency: libboost_serialization.so.2()(64bit) for package: SAGA.lsu-cpp.engine
--> Processing Dependency: libboost_filesystem.so.2()(64bit) for package: SAGA.lsu-cpp.engine
--> Processing Dependency: libboost_thread.so.2()(64bit) for package: SAGA.lsu-cpp.engine
---> Package SAGA.vu-java.engine.noarch 0:1.0.1-2 set to be updated
---> Package ZSI.noarch 0:2.0-1.py2.4 set to be updated
---> Package bouncycastle-glite.noarch 0:1.42-3.jdk5 set to be updated
---> Package c-ares.x86_64 0:1.3.0-4.s15 set to be updated
---> Package classads.x86_64 0:1.0-2.s15 set to be updated
---> Package dcache-srmclient.noarch 0:1.9.5-16 set to be updated
---> Package dcap.x86_64 0:2.47.2-0 set to be updated
---> Package dpm.i386 0:1.7.4-7sec.s15 set to be updated
---> Package dpm.x86_64 0:1.7.4-7sec.s15 set to be updated
---> Package dpm-devel.i386 0:1.7.4-7sec.s15 set to be updated
---> Package dpm-devel.x86_64 0:1.7.4-7sec.s15 set to be updated
---> Package dpm-libs.i386 0:1.7.4-7sec.s15 set to be updated
---> Package dpm-libs.x86_64 0:1.7.4-7sec.s15 set to be updated
---> Package fetch-curl.noarch 0:2.7.0-2 set to be updated
---> Package fpconst.noarch 0:0.7.2-1.py2.4 set to be updated
---> Package glite-UI-version.x86_64 0:3.2.8-0.s15 set to be updated
---> Package glite-amga-cli.x86_64 0:1.3.0-4 set to be updated
---> Package glite-ce-cream-cli.x86_64 0:1.12.1-14.s15 set to be updated
--> Processing Dependency: log4cpp >= 1.0 for package: glite-ce-cream-cli
---> Package glite-ce-cream-client-api-c.x86_64 0:1.12.1-14.s15 set to be updated
---> Package glite-ce-monitor-client-api-c.x86_64 0:1.12.1-14.s15 set to be updated
---> Package glite-data-catalog-interface.noarch 0:2.0.0-8 set to be updated
---> Package glite-data-delegation-api-c.x86_64 0:2.0.0-7.s15 set to be updated
---> Package glite-data-delegation-cli.x86_64 0:2.0.1-3.s15 set to be updated
---> Package glite-data-hydra-cli.x86_64 0:3.1.2-4.s15 set to be updated
---> Package glite-data-transfer-cli.x86_64 0:3.7.3-3.s15 set to be updated
---> Package glite-data-transfer-interface.noarch 0:3.7.0-1 set to be updated
---> Package glite-data-util-c.x86_64 0:1.2.3-1.s15 set to be updated
---> Package glite-dgas-common.x86_64 0:3.4.0-4.centos5 set to be updated
---> Package glite-dgas-hlr-clients.x86_64 0:3.4.0-12.centos5 set to be updated
---> Package glite-jdl-api-cpp.x86_64 0:3.2.1-1.s15 set to be updated
---> Package glite-jobid-api-c.x86_64 0:1.0.0-5.s15 set to be updated
---> Package glite-jobid-api-cpp.x86_64 0:1.0.0-4.s15 set to be updated
---> Package glite-lb-client.x86_64 0:4.0.7-1.s15 set to be updated
---> Package glite-lb-common.x86_64 0:7.0.6-1.s15 set to be updated
---> Package glite-lbjp-common-trio.x86_64 0:1.0.0-6.s15 set to be updated
---> Package glite-saga-adapter-common.noarch 0:1.0.1-1 set to be updated
---> Package glite-saga-adapter-context-cpp.x86_64 0:1.0.1-1.s15 set to be updated
---> Package glite-saga-adapter-context-java.noarch 0:1.0.1-1 set to be updated
---> Package glite-saga-adapter-isn-common.noarch 0:1.0.0-1 set to be updated
---> Package glite-saga-adapter-isn-cpp.x86_64 0:1.0.0-1.s15 set to be updated
--> Processing Dependency: xerces-c >= 2.7.0 for package: glite-saga-adapter-isn-cpp
---> Package glite-saga-adapter-isn-java.x86_64 0:1.0.0-1.s15 set to be updated
---> Package glite-saga-adapter-sd-cpp.x86_64 0:1.0.1-1.s15 set to be updated
---> Package glite-saga-adapter-sd-java.x86_64 0:1.0.1-1.s15 set to be updated
---> Package glite-security-delegation-java.noarch 0:1.6.1-3 set to be updated
--> Processing Dependency: log4j >= 1.2.8 for package: glite-security-delegation-java
---> Package glite-security-gsoap-plugin.x86_64 0:2.0.1-3.s15 set to be updated
---> Package glite-security-gss.x86_64 0:2.0.0-6.s15 set to be updated
---> Package glite-security-ssss.x86_64 0:1.0.0-3.s15 set to be updated
---> Package glite-security-trustmanager.noarch 0:2.5.5-1 set to be updated
---> Package glite-security-util-java.noarch 0:2.8.0-1 set to be updated
---> Package glite-security-voms-admin-client.noarch 0:2.0.14-1 set to be updated
--> Processing Dependency: PyXML >= 0.8.3 for package: glite-security-voms-admin-client
---> Package glite-security-voms-admin-interface.noarch 0:2.0.2-2 set to be updated
---> Package glite-security-voms-api.i386 0:1.9.17-1.s15 set to be updated
---> Package glite-security-voms-api.x86_64 0:1.9.17-1.s15 set to be updated
---> Package glite-security-voms-api-c.i386 0:1.9.17-1.s15 set to be updated
---> Package glite-security-voms-api-c.x86_64 0:1.9.17-1.s15 set to be updated
---> Package glite-security-voms-api-cpp.i386 0:1.9.17-1.s15 set to be updated
---> Package glite-security-voms-api-cpp.x86_64 0:1.9.17-1.s15 set to be updated
```

Update host and perform the installation of package(s)

InstallationAndConfigurationOfAGLiteUI < SiteAdminCorner < TWiki

```
---> Package glite-security-voms-clients.x86_64 0:1.9.17-1.sl5 set to be updated
---> Package glite-service-discovery-api-c.x86_64 0:2.2.2-2.sl5 set to be updated
---> Package glite-service-discovery-api-java.noarch 0:2.0.2-2 set to be updated
---> Package glite-service-discovery-bdii-c.x86_64 0:2.2.2-3.sl5 set to be updated
---> Package glite-service-discovery-cli.x86_64 0:2.2.1-2.sl5 set to be updated
---> Package glite-service-discovery-file-c.x86_64 0:2.1.2-2.sl5 set to be updated
---> Package glite-version.noarch 0:3.2.2-1 set to be updated
---> Package glite-wms-ui-api-python.x86_64 0:3.3.1-1.sl5 set to be updated
--> Processing Dependency: swig >= 1.3.29 for package: glite-wms-ui-api-python
---> Package glite-wms-ui-commands.x86_64 0:3.3.1-2.sl5 set to be updated
--> Processing Dependency: libtar >= 1.2.11 for package: glite-wms-ui-commands
---> Package glite-wms-ui-configuration.x86_64 0:3.3.1-1.sl5 set to be updated
---> Package glite-wms-utils-classad.x86_64 0:3.2.1-1.sl5 set to be updated
---> Package glite-wms-utils-exception.x86_64 0:3.2.1-1.sl5 set to be updated
---> Package glite-wms-wmproxy-api-cpp.x86_64 0:3.3.1-1.sl5 set to be updated
---> Package glite-wms-wmproxy-api-java.noarch 0:3.3.1-2 set to be updated
---> Package glite-wms-wmproxy-api-python.x86_64 0:3.3.1-1.sl5 set to be updated
--> Processing Dependency: SOAPpy >= 0.11.6 for package: glite-wms-wmproxy-api-python
--> Processing Dependency: pyOpenSSL >= 0.6 for package: glite-wms-wmproxy-api-python
---> Package glite-yaim-clients.noarch 0:4.0.9-2 set to be updated
---> Package glite-yaim-core.noarch 0:4.0.12-1 set to be updated
---> Package gpt.x86_64 0:3.2autotools2004_NMI_9.0_x86_64_rhap_5-1 set to be updated
---> Package gridsite-commands.x86_64 0:1.5.10.5-3.sl5 set to be updated
---> Package gridsite-shared.x86_64 0:1.5.10.5-3.sl5 set to be updated
---> Package gsiopenssh.x86_64 0:VDT1.10.1x86_64_rhap_5-4.3 set to be updated
---> Package ig-yaim.noarch 0:4.0.13-2_7 set to be updated
---> Package lcg-ManageVOTag.noarch 0:2.2.1-4 set to be updated
---> Package lcg-info.noarch 0:1.11.4-1 set to be updated
--> Processing Dependency: perl(Net::LDAP::Message) for package: lcg-info
--> Processing Dependency: perl(Net::LDAP) for package: lcg-info
--> Processing Dependency: perl(Net::LDAP::Filter) for package: lcg-info
---> Package lcg-infosites.noarch 0:2.6.9-1 set to be updated
---> Package lcg-tags.noarch 0:0.4.0-1 set to be updated
---> Package lcg_util.i386 0:1.7.6-2.sl5 set to be updated
---> Package lcg_util.x86_64 0:1.7.6-2.sl5 set to be updated
---> Package lcgdm-devel.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package lcgdm-devel.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package lcgdm-libs.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package lcgdm-libs.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package lfc.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package lfc.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package lfc-devel.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package lfc-devel.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package lfc-libs.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package lfc-libs.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package libdcap.i386 0:2.47.2-0 set to be updated
---> Package libdcap.x86_64 0:2.47.2-0 set to be updated
---> Package libdcap-devel.i386 0:2.47.2-0 set to be updated
---> Package libdcap-devel.x86_64 0:2.47.2-0 set to be updated
---> Package libdcap-tunnel-gsi.i386 0:2.47.2-0 set to be updated
---> Package libdcap-tunnel-gsi.x86_64 0:2.47.2-0 set to be updated
---> Package libdcap-tunnel-krb.i386 0:2.47.2-0 set to be updated
---> Package libdcap-tunnel-krb.x86_64 0:2.47.2-0 set to be updated
---> Package libdcap-tunnel-ssl.i386 0:2.47.2-0 set to be updated
---> Package libdcap-tunnel-ssl.x86_64 0:2.47.2-0 set to be updated
---> Package libdcap-tunnel-telnet.i386 0:2.47.2-0 set to be updated
---> Package libdcap-tunnel-telnet.x86_64 0:2.47.2-0 set to be updated
---> Package myproxy.x86_64 0:VDT1.10.1x86_64_rhap_5-4.2 set to be updated
---> Package perl-dpm.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package perl-dpm.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package perl-lfc.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package perl-lfc.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package python-dpm.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package python-dpm.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package python-lfc.i386 0:1.7.4-7sec.sl5 set to be updated
---> Package python-lfc.x86_64 0:1.7.4-7sec.sl5 set to be updated
---> Package storm-srm-clients-gcc64dbgpthr.x86_64 0:1.4.2-4.sl5 set to be updated
```

Update host and perform the installation of package(s)

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```
---> Package uberftp-client.x86_64 0:VDT1.10.1x86_64_rhap_5-1.27 set to be updated
---> Package vdt_globus_essentials.i386 0:VDT1.10.1x86_rhap_5-4 set to be updated
---> Package vdt_globus_essentials.x86_64 0:VDT1.10.1x86_64_rhap_5-4 set to be updated
---> Package vdt_globus_rm_client.x86_64 0:VDT1.10.1x86_64_rhap_5-4 set to be updated
---> Package vdt_globus_rm_essentials.x86_64 0:VDT1.10.1x86_64_rhap_5-4 set to be updated
---> Package vdt_globus_sdk.x86_64 0:VDT1.10.1x86_64_rhap_5-3 set to be updated
--> Running transaction check
---> Package PyXML.x86_64 0:0.8.4-4.el5_4.2 set to be updated
---> Package boost.x86_64 0:1.33.1-10.el5 set to be updated
--> Processing Dependency: libicu.so.36()(64bit) for package: boost
--> Processing Dependency: libcui18n.so.36()(64bit) for package: boost
---> Package jdk.x86_64 2000:1.6.0_22-fcs set to be updated
---> Package libtar.x86_64 0:1.2.11-2.2.el5.rf set to be updated
---> Package log4cpp.x86_64 0:1.0-9.el5 set to be updated
---> Package log4j.x86_64 0:1.2.13-3jpp.2 set to be updated
---> Package perl-LDAP.noarch 1:0.33-3.fc6 set to be updated
--> Processing Dependency: perl(HTTP::Status) for package: perl-LDAP
--> Processing Dependency: perl(HTTP::Negotiate) for package: perl-LDAP
--> Processing Dependency: perl(Convert::ASN1) for package: perl-LDAP
--> Processing Dependency: perl(LWP::MediaTypes) for package: perl-LDAP
--> Processing Dependency: perl(HTTP::Response) for package: perl-LDAP
--> Processing Dependency: perl(LWP::Protocol) for package: perl-LDAP
--> Processing Dependency: perl(XML::SAX::Base) for package: perl-LDAP
--> Processing Dependency: perl(IO::Socket::SSL) for package: perl-LDAP
---> Package pyOpenSSL.x86_64 0:0.6-1.p24.7.2.2 set to be updated
---> Package python-soap.noarch 0:0.11.6-1.el5.rf set to be updated
--> Processing Dependency: python-fpconst >= 0.6.0 for package: python-soap
---> Package swig.x86_64 0:1.3.29-2.el5 set to be updated
---> Package xerces-c.x86_64 0:2.7.0-1.el5.rf set to be updated
--> Running transaction check
---> Package libicu.x86_64 0:3.6-5.11.4 set to be updated
---> Package perl-Convert-ASN1.noarch 0:0.20-1.1 set to be updated
---> Package perl-IO-Socket-SSL.noarch 0:1.01-1.fc6 set to be updated
--> Processing Dependency: perl(Net::SSLeay) >= 1.21 for package: perl-IO-Socket-SSL
---> Package perl-XML-SAX.noarch 0:0.14-8 set to be updated
--> Processing Dependency: perl(XML::NamespaceSupport) for package: perl-XML-SAX
---> Package perl-libwww-perl.noarch 0:5.805-1.1.1 set to be updated
--> Processing Dependency: perl-HTML-Parser >= 3.33 for package: perl-libwww-perl
--> Processing Dependency: perl(URI::URL) for package: perl-libwww-perl
--> Processing Dependency: perl(URI) for package: perl-libwww-perl
--> Processing Dependency: perl(HTML::Entities) for package: perl-libwww-perl
--> Processing Dependency: perl(Compress::Zlib) for package: perl-libwww-perl
--> Processing Dependency: perl(URI::Heuristic) for package: perl-libwww-perl
--> Processing Dependency: perl(URI::Escape) for package: perl-libwww-perl
---> Package python-fpconst.noarch 0:0.7.3-1.el5.rf set to be updated
--> Running transaction check
---> Package perl-Compress-Zlib.x86_64 0:1.42-1.fc6 set to be updated
---> Package perl-HTML-Parser.x86_64 0:3.55-1.fc6 set to be updated
--> Processing Dependency: perl-HTML-Tagset >= 3.03 for package: perl-HTML-Parser
--> Processing Dependency: perl(HTML::Tagset) for package: perl-HTML-Parser
---> Package perl-Net-SSLeay.x86_64 0:1.30-4.fc6 set to be updated
---> Package perl-URI.noarch 0:1.35-3 set to be updated
---> Package perl-XML-NamespaceSupport.noarch 0:1.09-1.2.1 set to be updated
--> Running transaction check
---> Package perl-HTML-Tagset.noarch 0:3.10-2.1.1 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
Package                               Arch                               Version
=====
```

Package	Arch	Version
Installing:		
CGSI_gSOAP_2.7	i386	1.3.3-2.s15
CGSI_gSOAP_2.7	x86_64	1.3.3-2.s15

Update host and perform the installation of package(s)

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CGSI_gSOAP_2.7-voms	i386	1.3.3-2.s15
CGSI_gSOAP_2.7-voms	x86_64	1.3.3-2.s15
GFAL-client	i386	1.11.8-3.s15
GFAL-client	x86_64	1.11.8-3.s15
SAGA.api-java	noarch	1.0.1-2
SAGA.lsu-cpp.engine	x86_64	1.3.3-1.s15
SAGA.vu-java.engine	noarch	1.0.1-2
ZSI	noarch	2.0-1.py2.4
bouncycastle-glite	noarch	1.42-3.jdk5
c-ares	x86_64	1.3.0-4.s15
classads	x86_64	1.0-2.s15
dcache-srmclient	noarch	1.9.5-16
dcap	x86_64	2.47.2-0
dpm	i386	1.7.4-7sec.s15
dpm	x86_64	1.7.4-7sec.s15
dpm-devel	i386	1.7.4-7sec.s15
dpm-devel	x86_64	1.7.4-7sec.s15
dpm-libs	i386	1.7.4-7sec.s15
dpm-libs	x86_64	1.7.4-7sec.s15
fetch-crl	noarch	2.7.0-2
fpconst	noarch	0.7.2-1.py2.4
glite-UI-version	x86_64	3.2.8-0.s15
glite-amga-cli	x86_64	1.3.0-4
glite-ce-cream-cli	x86_64	1.12.1-14.s15
glite-ce-cream-client-api-c	x86_64	1.12.1-14.s15
glite-ce-monitor-client-api-c	x86_64	1.12.1-14.s15
glite-data-catalog-interface	noarch	2.0.0-8
glite-data-delegation-api-c	x86_64	2.0.0-7.s15
glite-data-delegation-cli	x86_64	2.0.1-3.s15
glite-data-hydra-cli	x86_64	3.1.2-4.s15
glite-data-transfer-cli	x86_64	3.7.3-3.s15
glite-data-transfer-interface	noarch	3.7.0-1
glite-data-util-c	x86_64	1.2.3-1.s15
glite-dgas-common	x86_64	3.4.0-4.centos5
glite-dgas-hlr-clients	x86_64	3.4.0-12.centos5
glite-jdl-api-cpp	x86_64	3.2.1-1.s15
glite-jobid-api-c	x86_64	1.0.0-5.s15
glite-jobid-api-cpp	x86_64	1.0.0-4.s15
glite-lb-client	x86_64	4.0.7-1.s15
glite-lb-common	x86_64	7.0.6-1.s15
glite-lbjp-common-trio	x86_64	1.0.0-6.s15
glite-saga-adapter-common	noarch	1.0.1-1
glite-saga-adapter-context-cpp	x86_64	1.0.1-1.s15
glite-saga-adapter-context-java	noarch	1.0.1-1
glite-saga-adapter-isn-common	noarch	1.0.0-1
glite-saga-adapter-isn-cpp	x86_64	1.0.0-1.s15
glite-saga-adapter-isn-java	x86_64	1.0.0-1.s15
glite-saga-adapter-sd-cpp	x86_64	1.0.1-1.s15
glite-saga-adapter-sd-java	x86_64	1.0.1-1.s15
glite-security-delegation-java	noarch	1.6.1-3
glite-security-gsoap-plugin	x86_64	2.0.1-3.s15
glite-security-gss	x86_64	2.0.0-6.s15
glite-security-ssss	x86_64	1.0.0-3.s15
glite-security-trustmanager	noarch	2.5.5-1
glite-security-util-java	noarch	2.8.0-1
glite-security-voms-admin-client	noarch	2.0.14-1
glite-security-voms-admin-interface	noarch	2.0.2-2
glite-security-voms-api	i386	1.9.17-1.s15
glite-security-voms-api	x86_64	1.9.17-1.s15
glite-security-voms-api-c	i386	1.9.17-1.s15
glite-security-voms-api-c	x86_64	1.9.17-1.s15
glite-security-voms-api-cpp	i386	1.9.17-1.s15
glite-security-voms-api-cpp	x86_64	1.9.17-1.s15
glite-security-voms-clients	x86_64	1.9.17-1.s15
glite-service-discovery-api-c	x86_64	2.2.2-2.s15
glite-service-discovery-api-java	noarch	2.0.2-2
glite-service-discovery-bdii-c	x86_64	2.2.2-3.s15

InstallationAndConfigurationOfAGLiteUI < SiteAdminCorner < TWiki

glite-service-discovery-cli	x86_64	2.2.1-2.s15
glite-service-discovery-file-c	x86_64	2.1.2-2.s15
glite-version	noarch	3.2.2-1
glite-wms-ui-api-python	x86_64	3.3.1-1.s15
glite-wms-ui-commands	x86_64	3.3.1-2.s15
glite-wms-ui-configuration	x86_64	3.3.1-1.s15
glite-wms-utils-classad	x86_64	3.2.1-1.s15
glite-wms-utils-exception	x86_64	3.2.1-1.s15
glite-wms-wmproxy-api-cpp	x86_64	3.3.1-1.s15
glite-wms-wmproxy-api-java	noarch	3.3.1-2
glite-wms-wmproxy-api-python	x86_64	3.3.1-1.s15
glite-yaim-clients	noarch	4.0.9-2
glite-yaim-core	noarch	4.0.12-1
gpt	x86_64	3.2autotools2004_NMI_9.0_x86_64_rha
gridsite-commands	x86_64	1.5.10.5-3.s15
gridsite-shared	x86_64	1.5.10.5-3.s15
gsiopenssh	x86_64	VDT1.10.1x86_64_rhap_5-4.3
ig-yaim	noarch	4.0.13-2_7
lcg-ManageVOTag	noarch	2.2.1-4
lcg-info	noarch	1.11.4-1
lcg-infosites	noarch	2.6.9-1
lcg-tags	noarch	0.4.0-1
lcg_util	i386	1.7.6-2.s15
lcg_util	x86_64	1.7.6-2.s15
lcgdm-devel	i386	1.7.4-7sec.s15
lcgdm-devel	x86_64	1.7.4-7sec.s15
lcgdm-libs	i386	1.7.4-7sec.s15
lcgdm-libs	x86_64	1.7.4-7sec.s15
lfc	i386	1.7.4-7sec.s15
lfc	x86_64	1.7.4-7sec.s15
lfc-devel	i386	1.7.4-7sec.s15
lfc-devel	x86_64	1.7.4-7sec.s15
lfc-libs	i386	1.7.4-7sec.s15
lfc-libs	x86_64	1.7.4-7sec.s15
libdcap	i386	2.47.2-0
libdcap	x86_64	2.47.2-0
libdcap-devel	i386	2.47.2-0
libdcap-devel	x86_64	2.47.2-0
libdcap-tunnel-gsi	i386	2.47.2-0
libdcap-tunnel-gsi	x86_64	2.47.2-0
libdcap-tunnel-krb	i386	2.47.2-0
libdcap-tunnel-krb	x86_64	2.47.2-0
libdcap-tunnel-ssl	i386	2.47.2-0
libdcap-tunnel-ssl	x86_64	2.47.2-0
libdcap-tunnel-telnet	i386	2.47.2-0
libdcap-tunnel-telnet	x86_64	2.47.2-0
myproxy	x86_64	VDT1.10.1x86_64_rhap_5-4.2
perl-dpm	i386	1.7.4-7sec.s15
perl-dpm	x86_64	1.7.4-7sec.s15
perl-lfc	i386	1.7.4-7sec.s15
perl-lfc	x86_64	1.7.4-7sec.s15
python-dpm	i386	1.7.4-7sec.s15
python-dpm	x86_64	1.7.4-7sec.s15
python-lfc	i386	1.7.4-7sec.s15
python-lfc	x86_64	1.7.4-7sec.s15
storm-srm-clients-gcc64dbgpthr	x86_64	1.4.2-4.s15
uberftp-client	x86_64	VDT1.10.1x86_64_rhap_5-1.27
vdt_globus_essentials	i386	VDT1.10.1x86_rhap_5-4
vdt_globus_essentials	x86_64	VDT1.10.1x86_64_rhap_5-4
vdt_globus_rm_client	x86_64	VDT1.10.1x86_64_rhap_5-4
vdt_globus_rm_essentials	x86_64	VDT1.10.1x86_64_rhap_5-4
vdt_globus_sdk	x86_64	VDT1.10.1x86_64_rhap_5-3
Installing for dependencies:		
PyXML	x86_64	0.8.4-4.e15_4.2
boost	x86_64	1.33.1-10.e15
jdk	x86_64	2000:1.6.0_22-fcs
libicu	x86_64	3.6-5.11.4

InstallationAndConfigurationOfAGLiteUI < SiteAdminCorner < TWiki

libtar	x86_64	1.2.11-2.2.el5.rf
log4cpp	x86_64	1.0-9.el5
log4j	x86_64	1.2.13-3jpp.2
perl-Compress-Zlib	x86_64	1.42-1.fc6
perl-Convert-ASN1	noarch	0.20-1.1
perl-HTML-Parser	x86_64	3.55-1.fc6
perl-HTML-Tagset	noarch	3.10-2.1.1
perl-IO-Socket-SSL	noarch	1.01-1.fc6
perl-LDAP	noarch	1:0.33-3.fc6
perl-Net-SSLeay	x86_64	1.30-4.fc6
perl-URI	noarch	1.35-3
perl-XML-NamespaceSupport	noarch	1.09-1.2.1
perl-XML-SAX	noarch	0.14-8
perl-libwww-perl	noarch	5.805-1.1.1
pyOpenSSL	x86_64	0.6-1.p24.7.2.2
python-fpconst	noarch	0.7.3-1.el5.rf
python-soap	noarch	0.11.6-1.el5.rf
swig	x86_64	1.3.29-2.el5
xerces-c	x86_64	2.7.0-1.el5.rf

Transaction Summary

```
=====
Install      154 Package(s)
Upgrade      0 Package(s)
```

Total download size: 287 M

Is this ok [y/N]: y

Downloading Packages:

```
(1/154): glite-saga-adapter-common-1.0.1-1.noarch.rpm
(2/154): glite-UI-version-3.2.8-0.sl5.x86_64.rpm
(3/154): glite-jobid-api-cpp-1.0.0-4.sl5.x86_64.rpm
(4/154): glite-version-3.2.2-1.noarch.rpm
(5/154): glite-saga-adapter-context-java-1.0.1-1.noarch.rpm
(6/154): fpconst-0.7.2-1.py2.4.noarch.rpm
(7/154): lcg-ManageVOTag-2.2.1-4.noarch.rpm
(8/154): glite-wms-ui-configuration-3.3.1-1.sl5.x86_64.rpm
(9/154): lcg-infosites-2.6.9-1.noarch.rpm
(10/154): libdcap-tunnel-ssl-2.47.2-0.i386.rpm
(11/154): libdcap-tunnel-ssl-2.47.2-0.x86_64.rpm
(12/154): lcg-tags-0.4.0-1.noarch.rpm
(13/154): glite-security-voms-admin-interface-2.0.2-2.noarch.rpm
(14/154): libdcap-tunnel-telnet-2.47.2-0.i386.rpm
(15/154): libdcap-tunnel-telnet-2.47.2-0.x86_64.rpm
(16/154): lcg-info-1.11.4-1.noarch.rpm
(17/154): python-fpconst-0.7.3-1.el5.rf.noarch.rpm
(18/154): perl-HTML-Tagset-3.10-2.1.1.noarch.rpm
(19/154): glite-service-discovery-cli-2.2.1-2.sl5.x86_64.rpm
(20/154): glite-security-voms-api-1.9.17-1.sl5.x86_64.rpm
(21/154): perl-XML-NamespaceSupport-1.09-1.2.1.noarch.rpm
(22/154): glite-security-voms-api-1.9.17-1.sl5.i386.rpm
(23/154): libdcap-tunnel-krb-2.47.2-0.i386.rpm
(24/154): libdcap-tunnel-gsi-2.47.2-0.i386.rpm
(25/154): glite-saga-adapter-isn-common-1.0.0-1.noarch.rpm
(26/154): libdcap-tunnel-krb-2.47.2-0.x86_64.rpm
(27/154): libdcap-tunnel-gsi-2.47.2-0.x86_64.rpm
(28/154): glite-jobid-api-c-1.0.0-5.sl5.x86_64.rpm
(29/154): fetch-crl-2.7.0-2.noarch.rpm
(30/154): glite-yaim-clients-4.0.9-2.noarch.rpm
(31/154): dcap-2.47.2-0.x86_64.rpm
(32/154): glite-wms-wmproxy-api-python-3.3.1-1.sl5.x86_64.rpm
(33/154): glite-data-catalog-interface-2.0.0-8.noarch.rpm
(34/154): gridsite-commands-1.5.10.5-3.sl5.x86_64.rpm
(35/154): glite-security-voms-admin-client-2.0.14-1.noarch.rpm
(36/154): glite-service-discovery-bdii-c-2.2.2-3.sl5.x86_64.rpm
(37/154): glite-data-util-c-1.2.3-1.sl5.x86_64.rpm
(38/154): perl-Convert-ASN1-0.20-1.1.noarch.rpm
(39/154): glite-service-discovery-file-c-2.1.2-2.sl5.x86_64.rpm
```

Update host and perform the installation of package(s)

InstallationAndConfigurationOfAGLiteUI < SiteAdminCorner < TWiki

(40/154): libtar-1.2.11-2.2.el5.rf.x86_64.rpm
(41/154): perl-IO-Socket-SSL-1.01-1.fc6.noarch.rpm
(42/154): glite-security-sssss-1.0.0-3.s15.x86_64.rpm
(43/154): glite-data-delegation-cli-2.0.1-3.s15.x86_64.rpm
(44/154): perl-Compress-Zlib-1.42-1.fc6.x86_64.rpm
(45/154): glite-service-discovery-api-c-2.2.2-2.s15.x86_64.rpm
(46/154): glite-wms-utils-exception-3.2.1-1.s15.x86_64.rpm
(47/154): glite-wms-utils-classad-3.2.1-1.s15.x86_64.rpm
(48/154): CGSI_gSOAP_2.7-1.3.3-2.s15.i386.rpm
(49/154): CGSI_gSOAP_2.7-1.3.3-2.s15.x86_64.rpm
(50/154): glite-lbjp-common-trio-1.0.0-6.s15.x86_64.rpm
(51/154): glite-security-gss-2.0.0-6.s15.x86_64.rpm
(52/154): perl-XML-SAX-0.14-8.noarch.rpm
(53/154): uberftp-client-VDT1.10.1x86_64_rhap_5-1.27.x86_64.rpm
(54/154): perl-HTML-Parser-3.55-1.fc6.x86_64.rpm
(55/154): lfc-libs-1.7.4-7sec.s15.i386.rpm
(56/154): libdcap-2.47.2-0.i386.rpm
(57/154): lfc-libs-1.7.4-7sec.s15.x86_64.rpm
(58/154): glite-security-delegation-java-1.6.1-3.noarch.rpm
(59/154): libdcap-2.47.2-0.x86_64.rpm
(60/154): c-ares-1.3.0-4.s15.x86_64.rpm
(61/154): gridsite-shared-1.5.10.5-3.s15.x86_64.rpm
(62/154): libdcap-devel-2.47.2-0.i386.rpm
(63/154): perl-URI-1.35-3.noarch.rpm
(64/154): pyOpenSSL-0.6-1.p24.7.2.2.x86_64.rpm
(65/154): glite-yaim-core-4.0.12-1.noarch.rpm
(66/154): libdcap-devel-2.47.2-0.x86_64.rpm
(67/154): glite-data-transfer-interface-3.7.0-1.noarch.rpm
(68/154): CGSI_gSOAP_2.7-voms-1.3.3-2.s15.i386.rpm
(69/154): ig-yaim-4.0.13-2_7.noarch.rpm
(70/154): CGSI_gSOAP_2.7-voms-1.3.3-2.s15.x86_64.rpm
(71/154): lcgdm-libs-1.7.4-7sec.s15.i386.rpm
(72/154): vdt_globus_rm_client-VDT1.10.1x86_64_rhap_5-4.x86_64.rpm
(73/154): lcgdm-devel-1.7.4-7sec.s15.i386.rpm
(74/154): lcgdm-libs-1.7.4-7sec.s15.x86_64.rpm
(75/154): perl-Net-SSLeay-1.30-4.fc6.x86_64.rpm
(76/154): lcgdm-devel-1.7.4-7sec.s15.x86_64.rpm
(77/154): log4cpp-1.0-9.el5.x86_64.rpm
(78/154): glite-service-discovery-api-java-2.0.2-2.noarch.rpm
(79/154): glite-saga-adapter-isn-java-1.0.0-1.s15.x86_64.rpm
(80/154): glite-saga-adapter-sd-java-1.0.1-1.s15.x86_64.rpm
(81/154): glite-wms-wmproxy-api-java-3.3.1-2.noarch.rpm
(82/154): glite-data-delegation-api-c-2.0.0-7.s15.x86_64.rpm
(83/154): python-soap-0.11.6-1.el5.rf.noarch.rpm
(84/154): lfc-devel-1.7.4-7sec.s15.i386.rpm
(85/154): perl-lfc-1.7.4-7sec.s15.i386.rpm
(86/154): dpm-libs-1.7.4-7sec.s15.i386.rpm
(87/154): glite-dgas-hlr-clients-3.4.0-12.centos5.x86_64.rpm
(88/154): lfc-devel-1.7.4-7sec.s15.x86_64.rpm
(89/154): dpm-libs-1.7.4-7sec.s15.x86_64.rpm
(90/154): perl-LDAP-0.33-3.fc6.noarch.rpm
(91/154): perl-lfc-1.7.4-7sec.s15.x86_64.rpm
(92/154): lcg_util-1.7.6-2.s15.i386.rpm
(93/154): glite-security-util-java-2.8.0-1.noarch.rpm
(94/154): SAGA.api-java-1.0.1-2.noarch.rpm
(95/154): lcg_util-1.7.6-2.s15.x86_64.rpm
(96/154): perl-libwww-perl-5.805-1.1.1.noarch.rpm
(97/154): ZSI-2.0-1.py2.4.noarch.rpm
(98/154): perl-dpm-1.7.4-7sec.s15.i386.rpm
(99/154): perl-dpm-1.7.4-7sec.s15.x86_64.rpm
(100/154): storm-srm-clients-gcc64dbgpthr-1.4.2-4.s15.x86_64.rpm
(101/154): glite-dgas-common-3.4.0-4.centos5.x86_64.rpm
(102/154): SAGA.vu-java.engine-1.0.1-2.noarch.rpm
(103/154): glite-data-hydra-cli-3.1.2-4.s15.x86_64.rpm
(104/154): python-dpm-1.7.4-7sec.s15.i386.rpm
(105/154): dpm-devel-1.7.4-7sec.s15.i386.rpm
(106/154): python-dpm-1.7.4-7sec.s15.x86_64.rpm

Update host and perform the installation of package(s)

InstallationAndConfigurationOfAGLiteUI < SiteAdminCorner < TWiki

```
(107/154): glite-saga-adapter-context-cpp-1.0.1-1.s15.x86_64.rpm
(108/154): glite-lb-common-7.0.6-1.s15.x86_64.rpm
(109/154): dpm-devel-1.7.4-7sec.s15.x86_64.rpm
(110/154): log4j-1.2.13-3jpp.2.x86_64.rpm
(111/154): glite-amga-cli-1.3.0-4.x86_64.rpm
(112/154): boost-1.33.1-10.el5.x86_64.rpm
(113/154): gpt-3.2autotools2004_NMI_9.0_x86_64_rhap_5-1.x86_64.rpm
(114/154): python-lfc-1.7.4-7sec.s15.i386.rpm
(115/154): glite-security-voms-clients-1.9.17-1.s15.x86_64.rpm
(116/154): python-lfc-1.7.4-7sec.s15.x86_64.rpm
(117/154): PyXML-0.8.4-4.el5_4.2.x86_64.rpm
(118/154): vdt_globus_rm_essentials-VDT1.10.1x86_64_rhap_5-4.x86_64.rpm
(119/154): myproxy-VDT1.10.1x86_64_rhap_5-4.2.x86_64.rpm
(120/154): bouncycastle-glite-1.42-3.jdk5.noarch.rpm
(121/154): lfc-1.7.4-7sec.s15.i386.rpm
(122/154): glite-saga-adapter-isn-cpp-1.0.0-1.s15.x86_64.rpm
(123/154): glite-data-transfer-cli-3.7.3-3.s15.x86_64.rpm
(124/154): lfc-1.7.4-7sec.s15.x86_64.rpm
(125/154): glite-wms-wmproxy-api-cpp-3.3.1-1.s15.x86_64.rpm
(126/154): xerces-c-2.7.0-1.el5.rf.x86_64.rpm
(127/154): glite-lb-client-4.0.7-1.s15.x86_64.rpm
(128/154): glite-ce-cream-cli-1.12.1-14.s15.x86_64.rpm
(129/154): glite-wms-ui-commands-3.3.1-2.s15.x86_64.rpm
(130/154): glite-ce-monitor-client-api-c-1.12.1-14.s15.x86_64.rpm
(131/154): glite-wms-ui-api-python-3.3.1-1.s15.x86_64.rpm
(132/154): gsiopenssh-VDT1.10.1x86_64_rhap_5-4.3.x86_64.rpm
(133/154): GFAL-client-1.11.8-3.s15.i386.rpm
(134/154): GFAL-client-1.11.8-3.s15.x86_64.rpm
(135/154): glite-ce-cream-client-api-c-1.12.1-14.s15.x86_64.rpm
(136/154): glite-security-gsoap-plugin-2.0.1-3.s15.x86_64.rpm
(137/154): swig-1.3.29-2.el5.x86_64.rpm
(138/154): classads-1.0-2.s15.x86_64.rpm
(139/154): glite-jdl-api-cpp-3.2.1-1.s15.x86_64.rpm
(140/154): glite-security-voms-api-c-1.9.17-1.s15.i386.rpm
(141/154): glite-security-voms-api-c-1.9.17-1.s15.x86_64.rpm
(142/154): dpm-1.7.4-7sec.s15.i386.rpm
(143/154): dpm-1.7.4-7sec.s15.x86_64.rpm
(144/154): glite-security-voms-api-cpp-1.9.17-1.s15.i386.rpm
(145/154): glite-security-voms-api-cpp-1.9.17-1.s15.x86_64.rpm
(146/154): libicu-3.6-5.11.4.x86_64.rpm
(147/154): glite-saga-adapter-sd-cpp-1.0.1-1.s15.x86_64.rpm
(148/154): glite-security-trustmanager-2.5.5-1.noarch.rpm
(149/154): dcache-srmclient-1.9.5-16.noarch.rpm
(150/154): vdt_globus_essentials-VDT1.10.1x86_rhap_5-4.i386.rpm
(151/154): vdt_globus_essentials-VDT1.10.1x86_64_rhap_5-4.x86_64.rpm
(152/154): vdt_globus_sdk-VDT1.10.1x86_64_rhap_5-3.x86_64.rpm
(153/154): SAGA.lsu-cpp.engine-1.3.3-1.s15.x86_64.rpm
(154/154): jdk-1.6.0_22-fcs.x86_64.rpm
```

Total

warning: rpmts_HdrFromFdno: Header V3 DSA signature: NOKEY, key ID 6b8d79e6

dag/gpgkey

Importing GPG key 0x6B8D79E6 "Dag Wieers (Dag Apt Repository v1.0) " from http://linuxsoft.cern.c

Is this ok [y/N]: y

Running rpm_check_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing      : libdcap
Installing      : glite-security-voms-api-cpp
Installing      : gridsite-shared
Installing      : glite-service-discovery-api-c
Installing      : classads
Installing      : glite-wms-utils-exception
Installing      : glite-jobid-api-c
Installing      : PyXML
```

Update host and perform the installation of package(s)

InstallationAndConfigurationOfAGLiteUI < SiteAdminCorner < TWiki

```
Installing      : glite-wms-utils-classad
Installing      : c-ares
Installing      : glite-lbjp-common-trio
Installing      : log4cpp
Installing      : libicu
Installing      : boost
Installing      : SAGA.lsu-cpp.engine
Installing      : pyOpenSSL
Installing      : xerces-c
Installing      : libtar
Installing      : swig
Installing      : glite-dgas-common
Installing      : perl-Compress-Zlib
Installing      : perl-Net-SSLeay
Installing      : jdk
Unpacking JAR files...
  rt.jar...
  jsse.jar...
  charsets.jar...
  tools.jar...
  localedata.jar...
  plugin.jar...
  javaws.jar...
  deploy.jar...
Installing      : glite-saga-adapter-common
Installing      : glite-jobid-api-cpp
Installing      : glite-jdl-api-cpp
Installing      : gpt
Using system tar and gzip programs to unpack packages
GNU tar located at /bin/tar
GNU zip located at /bin/gzip
GNU unzip located at /bin/gunzip
GNU make located at /usr/bin/make
Perl located at /usr/bin/perl
rpm located at /bin/rpm
rpmbuild located at /bin/rpmbuild
RPM Package License set to GNU
RPM Package Vendor set to NCSA
RPM Package FTP Site set to ftp.ncsa.uiuc.edu
RPM Package URL set to http://www.gridpackaging.org
RPM Packager set to NCSA
RPM Prefix set to /usr/grid
GNU target platform set to x86_64-unknown-linux-gnu
Installing      : log4j
Installing      : glite-saga-adapter-context-cpp
Installing      : glite-saga-adapter-sd-cpp
Installing      : glite-security-voms-api
Installing      : lcgdm-libs
Installing      : dpm-libs
Installing      : lfc-libs
Installing      : lcgdm-devel
Installing      : glite-saga-adapter-isn-common
Installing      : glite-security-util-java
Installing      : bouncycastle-glite
Installing      : glite-security-delegation-java
Installing      : glite-security-trustmanager
Installing      : glite-saga-adapter-isn-cpp
Installing      : SAGA.api-java
Installing      : SAGA.vu-java.engine
Installing      : glite-saga-adapter-context-java
Installing      : perl-IO-Socket-SSL
Installing      : glite-service-discovery-file-c
Installing      : glite-data-util-c
Installing      : perl-XML-NamespaceSupport
Installing      : perl-XML-SAX
Installing      : fpconst
Installing      : python-fpconst
```

```

Installing      : python-soap
Installing      : glite-wms-ui-configuration
Installing      : perl-URI
Installing      : perl-HTML-Tagset
Installing      : perl-HTML-Parser
Installing      : perl-libwww-perl
Installing      : perl-Convert-ASN1
Installing      : glite-wms-wmproxy-api-python
Installing      : gridsite-commands
Installing      : glite-security-voms-clients
Installing      : libdcap-tunnel-krb
Installing      : libdcap-tunnel-ssl
Installing      : libdcap-tunnel-telnet
Installing      : dcap
Installing      : glite-security-voms-api-c
Installing      : perl-LDAP
Installing      : lcg-infosites
Installing      : lcg-info
Installing      : lcg-tags
Installing      : glite-saga-adapter-sd-java
Installing      : glite-saga-adapter-isn-java
Installing      : glite-wms-wmproxy-api-java
Installing      : dpm-devel
Installing      : lfc-devel
Installing      : lfc-devel
Installing      : dpm-devel
Installing      : python-lfc
Installing      : perl-lfc
Installing      : perl-lfc
Installing      : python-lfc
Installing      : python-dpm
Installing      : perl-dpm
Installing      : python-dpm
Installing      : perl-dpm
Installing      : dpm
Installing      : dpm
Installing      : lfc
Installing      : dpm-libs
Installing      : lfc
Installing      : lcgdm-devel
Installing      : lfc-libs
Installing      : lcgdm-libs
Installing      : glite-security-voms-admin-client
Installing      : glite-service-discovery-cli
Installing      : glite-service-discovery-bdii-c
Installing      : libdcap-devel
Installing      : libdcap-devel
Installing      : glite-version
Installing      : glite-UI-version
Installing      : glite-data-catalog-interface
Installing      : lcg-ManageVOTag
Installing      : glite-yaim-clients
Installing      : dcache-srmclient
Installing      : glite-data-transfer-interface
Installing      : glite-service-discovery-api-java
Installing      : glite-security-voms-admin-interface
Installing      : vdt_globus_sdk
Installing      : ZSI
Installing      : fetch-crl
Installing      : glite-security-voms-api
Installing      : ig-yaim
Installing      : glite-yaim-core
Installing      : vdt_globus_essentials
Installing      : vdt_globus_essentials
Installing      : CGSI_gSOAP_2.7
Installing      : glite-security-gss
Installing      : glite-lb-common

```

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```

Installing      : glite-lb-client
Installing      : glite-security-gsoap-plugin
Installing      : glite-security-voms-api-c
Installing      : glite-wms-ui-api-python
Installing      : glite-wms-wmproxy-api-cpp
Installing      : CGSI_gSOAP_2.7-voms
Installing      : vdt_globus_rm_essentials
Installing      : glite-security-voms-api-cpp
Installing      : vdt_globus_rm_client
Installing      : glite-wms-ui-commands
Installing      : gsiopenssh
Installing      : libdcap-tunnel-gsi
Installing      : glite-dgas-hlr-clients
Installing      : myproxy
Installing      : uberftp-client
Installing      : CGSI_gSOAP_2.7-voms
Installing      : CGSI_gSOAP_2.7
Installing      : libdcap-tunnel-gsi
Installing      : libdcap-tunnel-krb
Installing      : libdcap-tunnel-ssl
Installing      : libdcap-tunnel-telnet
Installing      : libdcap
Installing      : GFAL-client
Installing      : glite-ce-cream-client-api-c
Installing      : glite-data-delegation-api-c
Installing      : glite-data-delegation-cli
Installing      : glite-security-ssss
Installing      : storm-srm-clients-gcc64dbgpthr
Installing      : GFAL-client
Installing      : glite-data-transfer-cli
Installing      : lcg_util
Installing      : glite-amga-cli
Installing      : glite-data-hydra-cli
Installing      : glite-ce-monitor-client-api-c
Installing      : lcg_util
Installing      : glite-ce-cream-cli

```

Installed:

```

CGSI_gSOAP_2.7.i386 0:1.3.3-2.s15          CGSI_gSOAP_2.7.x86_
CGSI_gSOAP_2.7-voms.i386 0:1.3.3-2.s15    CGSI_gSOAP_2.7-voms.x86_
GFAL-client.i386 0:1.11.8-3.s15           GFAL-client.x
SAGA.api-java.noarch 0:1.0.1-2            SAGA.lsu-cpp.en
SAGA.vu-java.engine.noarch 0:1.0.1-2      ZSI.noarch 0:2.0-1.
bouncycastle-glite.noarch 0:1.42-3.jdk5   c-ares.x86_64 0:1.
classads.x86_64 0:1.0.2.s15              dcache-srmclie
dcap.x86_64 0:2.47.2-0                    dpm.i386 0:1.
dpm.x86_64 0:1.7.4-7sec.s15              dpm-devel.i386 0:
dpm-devel.x86_64 0:1.7.4-7sec.s15         dpm-libs.i386 0:1.7
dpm-libs.x86_64 0:1.7.4-7sec.s15         fetch-crl.noarch
fpconst.noarch 0:0.7.2-1.py2.4           glite-UI-versi
glite-amga-cli.x86_64 0:1.3.0-4           glite-ce-cream-
glite-ce-cream-client-api-c.x86_64 0:1.12.1-14.s15 glite-ce-monitor-client
glite-data-catalog-interface.noarch 0:2.0.0-8 glite-data-delegatio
glite-data-delegation-cli.x86_64 0:2.0.1-3.s15 glite-data-hydra-cli
glite-data-transfer-cli.x86_64 0:3.7.3-3.s15 glite-data-transfe
glite-data-util-c.x86_64 0:1.2.3-1.s15    glite-dgas-comm
glite-dgas-hlr-clients.x86_64 0:3.4.0-12.centos5 glite-jdl-api-cpp.x86_6
glite-jobid-api-c.x86_64 0:1.0.0-5.s15    glite-jobid-api-
glite-lb-client.x86_64 0:4.0.7-1.s15      glite-lb-commo
glite-lbjp-common-trio.x86_64 0:1.0.0-6.s15 glite-saga-adapter-c
glite-saga-adapter-context-cpp.x86_64 0:1.0.1-1.s15 glite-saga-adapter-contex
glite-saga-adapter-isn-common.noarch 0:1.0.0-1 glite-saga-adapter-isn-cp
glite-saga-adapter-isn-java.x86_64 0:1.0.0-1.s15 glite-saga-adapter-sd-c
glite-saga-adapter-sd-java.x86_64 0:1.0.1-1.s15 glite-security-delegati
glite-security-gsoap-plugin.x86_64 0:2.0.1-3.s15 glite-security-gss.x86
glite-security-ssss.x86_64 0:1.0.0-3.s15 glite-security-tru
glite-security-util-java.noarch 0:2.8.0-1 glite-security-

```

Update host and perform the installation of package(s)

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```
glite-security-voms-admin-interface.noarch 0:2.0.2-2
glite-security-voms-api.x86_64 0:1.9.17-1.s15
glite-security-voms-api-c.x86_64 0:1.9.17-1.s15
glite-security-voms-api-cpp.x86_64 0:1.9.17-1.s15
glite-service-discovery-api-c.x86_64 0:2.2.2-2.s15
glite-service-discovery-bdii-c.x86_64 0:2.2.2-3.s15
glite-service-discovery-file-c.x86_64 0:2.1.2-2.s15
glite-wms-ui-api-python.x86_64 0:3.3.1-1.s15
glite-wms-ui-configuration.x86_64 0:3.3.1-1.s15
glite-wms-utils-exception.x86_64 0:3.2.1-1.s15
glite-wms-wmproxy-api-java.noarch 0:3.3.1-2
glite-yaim-clients.noarch 0:4.0.9-2
gpt.x86_64 0:3.2autotools2004_NMI_9.0_x86_64_rhap_5-1
gridsite-shared.x86_64 0:1.5.10.5-3.s15
ig-yaim.noarch 0:4.0.13-2_7
lcg-info.noarch 0:1.11.4-1
lcg-tags.noarch 0:0.4.0-1
lcg_util.x86_64 0:1.7.6-2.s15
lcgdm-devel.x86_64 0:1.7.4-7sec.s15
lcgdm-libs.x86_64 0:1.7.4-7sec.s15
lfc.x86_64 0:1.7.4-7sec.s15
lfc-devel.x86_64 0:1.7.4-7sec.s15
lfc-libs.x86_64 0:1.7.4-7sec.s15
libdcap.x86_64 0:2.47.2-0
libdcap-devel.x86_64 0:2.47.2-0
libdcap-tunnel-gsi.x86_64 0:2.47.2-0
libdcap-tunnel-krb.x86_64 0:2.47.2-0
libdcap-tunnel-ssl.x86_64 0:2.47.2-0
libdcap-tunnel-telnet.x86_64 0:2.47.2-0
perl-dpm.i386 0:1.7.4-7sec.s15
perl-lfc.i386 0:1.7.4-7sec.s15
python-dpm.i386 0:1.7.4-7sec.s15
python-lfc.i386 0:1.7.4-7sec.s15
storm-srm-clients-gcc64dbgpthr.x86_64 0:1.4.2-4.s15
vdt_globus_essentials.i386 0:VDT1.10.1x86_rhap_5-4
vdt_globus_rm_client.x86_64 0:VDT1.10.1x86_64_rhap_5-4
vdt_globus_sdk.x86_64 0:VDT1.10.1x86_64_rhap_5-3
glite-security-voms-api.i386 0:1.9.17-1.s15
glite-security-voms-api-c.x86_64 0:1.9.17-1.s15
glite-security-voms-api-cpp.x86_64 0:1.9.17-1.s15
glite-service-discovery-api-c.x86_64 0:2.2.2-2.s15
glite-service-discovery-bdii-c.x86_64 0:2.2.2-3.s15
glite-service-discovery-file-c.x86_64 0:2.1.2-2.s15
glite-version.noarch 0:3.3.1-1.s15
glite-wms-ui-commands.x86_64 0:3.3.1-1.s15
glite-wms-utils-classad.x86_64 0:3.2.1-1.s15
glite-wms-wmproxy-api-c.x86_64 0:3.3.1-2
glite-wms-wmproxy-api-python.x86_64 0:3.3.1-2
glite-yaim-core.x86_64 0:4.0.9-2
gridsite-commands.x86_64 0:1.5.10.5-3.s15
gsiopenssh.x86_64 0:1.5.10.5-3.s15
lcg-ManagementVOTAs.x86_64 0:1.11.4-1
lcg-infosites.x86_64 0:1.11.4-1
lcg_util.i386 0:1.7.6-2.s15
lcgdm-devel.i386 0:1.7.4-7sec.s15
lcgdm-libs.i386 0:1.7.4-7sec.s15
lfc.i386 0:1.7.4-7sec.s15
lfc-devel.i386 0:1.7.4-7sec.s15
lfc-libs.i386 0:1.7.4-7sec.s15
libdcap.i386 0:2.47.2-0
libdcap-devel.i386 0:2.47.2-0
libdcap-tunnel-gsi.x86_64 0:2.47.2-0
libdcap-tunnel-krb.x86_64 0:2.47.2-0
libdcap-tunnel-ssl.x86_64 0:2.47.2-0
libdcap-tunnel-telnet.x86_64 0:2.47.2-0
myproxy.x86_64 0:VDT1.10.1x86_64_rhap_5-4
perl-dpm.x86_64 0:1.7.4-7sec.s15
perl-lfc.x86_64 0:1.7.4-7sec.s15
python-dpm.x86_64 0:1.7.4-7sec.s15
python-lfc.x86_64 0:1.7.4-7sec.s15
uberftp-client.x86_64 0:VDT1.10.1x86_rhap_5-4
vdt_globus_essentials.x86_64 0:VDT1.10.1x86_64_rhap_5-4
vdt_globus_rm_essentials.x86_64 0:VDT1.10.1x86_64_rhap_5-4
```

Dependency Installed:

```
PyXML.x86_64 0:0.8.4-4.e15_4.2
libc.x86_64 0:2.17-152.el5
libicu.x86_64 0:3.6-5.11.4
log4j.x86_64 0:1.2.13-3jpp.2
perl-HTML-Parser.x86_64 0:3.55-1.fc6
perl-LDAP.noarch 1:0.33-3.fc6
perl-XML-NamespacesSupport.noarch 0:1.09-1.2.1
perl-XML-SAX.noarch 0:0.14-8
python-fpconst.noarch 0:0.7.3-1.e15.rf
swig.x86_64 0:1.3.29-2.e15
boost.x86_64 0:1.33.1-10.e15
libtar.x86_64 0:1.2.11-2.2.e15
perl-Compress-Zlib.x86_64 0:1.42-1.fc6
perl-HTML-Tagset.noarch 0:3.10-2.1.1
perl-Net-SSLeay.x86_64 0:1.30-4.fc6
xerces-c.x86_64 0:2.7.0-1.e15.rf
```

Complete!

Install CAs

```
$ yum install -y lcg-CA
```

CONFIGURING

```
$ vi /opt/glite/yaim/examples/siteinfo/ig-site-info.def
```

```
# Hostname of the top level BDII
# INFN-GRID: Default BDII Top for Italy (if you do not have your own)
BDII_HOST=egee-bdii.cnaf.infn.it
```

```
# Hostname of the PX
PX_HOST=myproxy.cnaf.infn.it
```

InstallationAndConfigurationOfAGLiteUI < SiteAdminCorner < TWiki

```
# Hostname of the RGMA server
MON_HOST=my-mon.$MY_DOMAIN

# Hostname of the RB
RB_HOST=my-rb.$MY_DOMAIN

# Space separated list of VOs supported by your site
VOS="dteam ops eumed infngrid"

#####
# eumed #
#####
VO_EUMED_SW_DIR=$VO_SW_DIR/eumed
VO_EUMED_DEFAULT_SE=$SE_HOST
VO_EUMED_STORAGE_DIR=$CLASSIC_STORAGE_DIR/eumed
VO_EUMED_VOMS_SERVERS="'vomss://voms2.cnaf.infn.it:8443/voms/eumed?/eumed' 'vomss://voms-02.pd.infn.it:8443/voms/eumed?/eumed'"
VO_EUMED_VOMSES="'eumed voms2.cnaf.infn.it 15016 /C=IT/O=INFN/OU=Host/L=CNAF/CN=voms2.cnaf.infn.it'"
VO_EUMED_VOMS_CA_DN="'/C=IT/O=INFN/CN=INFN CA' '/C=IT/O=INFN/CN=INFN CA'"
VO_EUMED_WMS_HOSTS="wms-01.eumedgrid.eu"

#####
# infngrid #
#####
VO_INFNGRID_SW_DIR=$VO_SW_DIR/infngrid
VO_INFNGRID_DEFAULT_SE=$SE_HOST
VO_INFNGRID_STORAGE_DIR=$CLASSIC_STORAGE_DIR/infngrid
VO_INFNGRID_VOMS_SERVERS="'vomss://voms.cnaf.infn.it:8443/voms/infngrid?/infngrid' 'vomss://voms-02.pd.infn.it:8443/voms/infngrid?/infngrid'"
VO_INFNGRID_VOMSES="'infngrid voms.cnaf.infn.it 15000 /C=IT/O=INFN/OU=Host/L=CNAF/CN=voms.cnaf.infn.it'"
VO_INFNGRID_VOMS_CA_DN="'/C=IT/O=INFN/CN=INFN CA' '/C=IT/O=INFN/CN=INFN CA'"

#####
# dteam #
#####
VO_DTEAM_SW_DIR=$VO_SW_DIR/dteam
VO_DTEAM_DEFAULT_SE=$SE_HOST
VO_DTEAM_STORAGE_DIR=$CLASSIC_STORAGE_DIR/dteam
VO_DTEAM_VOMS_SERVERS="'vomss://voms.hellasgrid.gr:8443/voms/dteam?/dteam/'"
VO_DTEAM_VOMSES="'dteam lcg-voms.cern.ch 15004 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch dteam'"
VO_DTEAM_VOMS_CA_DN="'/DC=ch/DC=cern/CN=CERN Trusted Certification Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority'"
#

#####
# ops #
#####
VO_OPS_SW_DIR=$VO_SW_DIR/ops
VO_OPS_DEFAULT_SE=$SE_HOST
VO_OPS_STORAGE_DIR=$CLASSIC_STORAGE_DIR/ops
VO_OPS_VOMS_SERVERS="'vomss://voms.cern.ch:8443/voms/ops?/ops/'"
VO_OPS_VOMSES="'ops lcg-voms.cern.ch 15009 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch ops'"
VO_OPS_VOMS_CA_DN="'/DC=ch/DC=cern/CN=CERN Trusted Certification Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority'"
#

$ /opt/glite/yaim/bin/ig_yaim -c \
-s /opt/glite/yaim/examples/siteinfo/ig-site-info.def \
-n ig_UI_noafs

WARNING:
WARNING: *****
WARNING: Your siteinfo directory is world readable. This is generally a bad idea
WARNING: as configuration files may contain passwords and other sensitive information.
WARNING: *****
WARNING:
INFO: Using site configuration file: /opt/glite/yaim/examples/siteinfo/ig-site-info.def
INFO:
#####

. ('.-.')
```

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```
.      yA,-"-,( ,m,:/ ) .oo.      oo      o      ooo o.      .oo
.      /      .-Y a  a Y-.      8. .8'      8'8.      8      8b  d'8
.      /      ~ ~ /      8'      .8oo88.      8      8 8' 8
.      (_/      '===='      8      .8'      8.      8      8 Y 8
.      Y,-''-,Yy,-.,/      o8o o8o      o88o o8o o8o      o8o
.      I_))_) I_))_)
```

```
current working directory: /root
site-info.def date: Dec 27 16:47 /opt/glite/yaim/examples/siteinfo/ig-site-info.def
yaim command: -c -s /opt/glite/yaim/examples/siteinfo/ig-site-info.def -n ig_UI_noafs
log file: /opt/glite/yaim/bin/./log/yaimlog
Mon Dec 27 16:49:31 CET 2010 : /opt/glite/yaim/bin/ig_yaim
```

```
Installed YAIM versions:
glite-yaim-clients 4.0.9-2
glite-yaim-core 4.0.12-1
ig-yaim 4.0.13-2_7
```

```
#####
```

```
INFO: The default location of the grid-env.(c)sh files will be: /opt/glite/etc/profile.d
INFO: Sourcing the utilities in /opt/glite/yaim/functions/utils
INFO: Detecting environment
INFO: Executing function: config_ntp_check
INFO: Using locally defined function /opt/glite/yaim/functions/local/config_ntp
INFO: Executing function: config_sysconfig_lcg_check
INFO: Executing function: config_globus_clients_check
INFO: Executing function: config_lcgenenv_check
INFO: Using locally defined function /opt/glite/yaim/functions/local/config_lcgenenv
INFO: Executing function: config_rgma_client_check
INFO: Executing function: config_workload_manager_client_check
INFO: Executing function: config_amga_client_check
INFO: Executing function: config_gsissh_check
INFO: Executing function: config_glite_ui_check
INFO: Using locally defined function /opt/glite/yaim/functions/local/config_glite_ui
INFO: Executing function: config_vomses_check
INFO: Executing function: config_globus_devel_check
INFO: Executing function: config_vomsdir_check
INFO: Executing function: config_add_pool_env_check
INFO: Executing function: config_ldconf
INFO: Using locally defined function /opt/glite/yaim/functions/local/config_ldconf
INFO: Executing function: config_ntp_setenv
INFO: Using locally defined function /opt/glite/yaim/functions/local/config_ntp
INFO: Executing function: config_ntp
INFO: Using locally defined function /opt/glite/yaim/functions/local/config_ntp
INFO: Storing old ntp settings in /etc/ntp.conf.yaimold.20101227_164938
INFO: Executing function: config_sysconfig_edg
INFO: Executing function: config_sysconfig_globus
INFO: Executing function: config_sysconfig_lcg
INFO: Executing function: config_crl
INFO: Now updating the CRLs - this may take a few minutes...
INFO: Executing function: config_globus_clients_setenv
INFO: Executing function: config_globus_clients
INFO: Configure the globus service
setup-tmpdirs: creating ./config.status
config.status: creating globus-script-initializer
config.status: creating Paths.pm
creating globus-sh-tools-vars.sh
creating globus-script-initializer
creating Globus::Core::Paths
checking globus-hostname
Done
INFO: Executing function: config_lcgenenv
INFO: Using locally defined function /opt/glite/yaim/functions/local/config_lcgenenv
INFO: Executing function: config_rgma_client_setenv
INFO: Executing function: config_rgma_client
INFO: YAIM has detected the OS is SL5. The rgma client is no longer configured in SL5.
```

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```
INFO: Executing function: config_workload_manager_client_setenv
INFO: Executing function: config_workload_manager_client
INFO: Executing function: config_fts_client
INFO: Executing function: config_amga_client_setenv
INFO: Executing function: config_amga_client
INFO: Executing function: config_gsissh_setenv
INFO: Executing function: config_gsissh
Configuring gsi_openssh
```

```
-----
Executing...
```

Notes:

- o Privilege separation is on.
- o GSI-OpenSSH website is