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In the main CVS trunk (HEAD) some components have been restructured, in part following the recommendations produced during the dependency challenge , in part following internal code reviews. Some components are instead inherited from the 3.1 branch.

component	responsible
org.glite.jdl.api-cpp	Alessandro Maraschini
org.glite.wms-utils.exception	Alessandro Maraschini
org.glite.wms-utils.classad	Salvatore Monforte
org.glite.wms.common	Salvatore Monforte, Enzo Martelli
org.glite.wms.wmproxy	Alessandro Maraschini
org.glite.wms.wmproxy-interface	Alessandro Maraschini
org.glite.wms.wmproxy-api-cpp	Alessandro Maraschini
org.glite.wms.wmproxy-api-python	Alessandro Maraschini
org.glite.wms.wmproxy-api-java	Alessandro Maraschini
org.glite.wms.interactive	Massimo Mezzadri
org.glite.wms.classad_plugin	Salvatore Monforte
org.glite.wms.rls	Enzo Martelli
org.glite.wms.ism	Salvatore Monforte, Enzo Martelli
org.glite.wms.rgma-purchaser	Enzo Martelli
org.glite.wms.ii-purchaser	Salvatore Monforte
org.glite.wms.broker	Salvatore Monforte
org.glite.wms.purger	Salvatore Monforte
org.glite.wms.manager	Marco Cecchi, Salvatore Monforte
org.glite.wms.jobsubmission	Alessio Gianelle
org.glite.wms.thirdparty-bypass	Massimo Mezzadri
org.glite.wms.brokerinfo-access	Massimo Mezzadri
org.glite.wms-ui.configuration	Alessandro Maraschini
org.glite.wms-ui.api-python	Alessandro Maraschini
org.glite.wms-ui.commands	Alessandro Maraschini
org.glite.ce.blahp	Massimo Mezzadri, Francesco Prelz, David Rebatto
org.glite.dgas.common	Andrea Guarise
org.glite.dgas.hlr-clients	Andrea Guarise
org.glite.dgas.ce-sensors	Andrea Guarise
org.glite.dgas.pa-clients	Andrea Guarise
org.glite.dgas.service-common	Andrea Guarise
org.glite.dgas.hlr-service	Andrea Guarise
org.glite.dgas.pa-service	Andrea Guarise

The development of the above components is done against a baseline release, represented by the ETICS configuration `glite_branch_3_1_0`, which includes all the external dependencies and other gLite components. The configuration name for a component under development in HEAD has a trailing `_HEAD` tag, preceded by a string that usually recalls the component name. For example the configuration name for `org.glite.wms.manager` is `glite-wms-manager_HEAD`.

If you add a component to the above lists, please notify Elisabetta Ronchieri. She will add the corresponding configuration and assign management rights to the mentioned responsible people, who can then add platforms, dependencies, etc. Elisabetta, Francesco Giacomini and Alessandro Maraschini have management rights on all components.

The configuration `glite-wms_HEAD` currently contains the following component configurations:

```
[Hierarchy]
org.glite.wms.purger = glite-wms-purger_HEAD
```

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```
org.glite.wms.wmproxy = glite-wms-wmproxy_HEAD
org.glite.wms.broker = glite-wms-broker_HEAD
org.glite.wms.rgma-purchaser = glite-wms-rgma-purchaser_HEAD
org.glite.wms.ii-purchaser = glite-wms-ii-purchaser_HEAD
org.glite.wms.classad_plugin = glite-wms-classad_plugin_HEAD
org.glite.wms.rls = glite-wms-rls_HEAD
org.glite.wms.manager = glite-wms-manager_HEAD
org.glite.wms.ism = glite-wms-ism_HEAD
org.glite.wms.jobsubmission = glite-wms-jobsubmission_HEAD
org.glite.wms.common = glite-wms-common_HEAD
```

The configuration `glite-wms-utils_HEAD` currently contains the following component configurations:

```
[Hierarchy]
org.glite.wms-utils.classad = glite-wms-utils-classad_HEAD
org.glite.wms-utils.exception = glite-wms-utils-exception_HEAD
```

The configuration `glite-jdl_HEAD` currently contains the following component configurations:

```
[Hierarchy]
org.glite.jdl.api-java = glite-jdl-api-java_HEAD
org.glite.jdl.api-cpp = glite-jdl-api-cpp_HEAD
```

Developing a subsystem/component in HEAD

As already mentioned above, the development is done against a stable release, corresponding to the project configuration `glite_branch_3_1_0`.

To checkout a module and all its dependencies from HEAD:

1. prepare the workspace and get the `org.glite` project
2. create an `etics.properties` file with the values for the dynamic dependencies that differ from what expressed in the project configuration.
3. checkout the module
4. build the module

Taking as an example `org.glite.wms`, the procedure is:

```
$ etics-workspace-setup
$ etics-get-project org.glite
$ vi etics.properties
$ cat etics.properties
org.glite.wms.purger.DEFAULT=glite-wms-purger_HEAD
org.glite.wms.wmproxy-interface.DEFAULT=glite-wms-wmproxy-interface_HEAD
org.glite.wms.interactive.DEFAULT=glite-wms-interactive_HEAD
org.glite.wms.broker.DEFAULT=glite-wms-broker_HEAD
org.glite.wms.rgma-purchaser.DEFAULT=glite-wms-rgma-purchaser_HEAD
org.glite.wms.wmproxy-api-java.DEFAULT=glite-wms-wmproxy-api-java_HEAD
org.glite.wms.classad_plugin.DEFAULT=glite-wms-classad_plugin_HEAD
org.glite.wms.ii-purchaser.DEFAULT=glite-wms-ii-purchaser_HEAD
org.glite.wms.rls.DEFAULT=glite-wms-rls_HEAD
org.glite.wms.brokerinfo-access.DEFAULT=glite-wms-brokerinfo-access_HEAD
org.glite.wms.wmproxy-api-cpp.DEFAULT=glite-wms-wmproxy-api-cpp_HEAD
org.glite.wms.manager.DEFAULT=glite-wms-manager_HEAD
org.glite.wms.wmproxy-api-python.DEFAULT=glite-wms-wmproxy-api-python_HEAD
org.glite.wms.common.DEFAULT=glite-wms-common_HEAD
org.glite.wms.ism.DEFAULT=glite-wms-ism_HEAD
org.glite.wms.thirdparty-bypass.DEFAULT=glite-wms-thirdparty-bypass_HEAD
org.glite.wms.jobsubmission.DEFAULT=glite-wms-jobsubmission_HEAD
org.glite.wms.wmproxy.DEFAULT=glite-wms-wmproxy_HEAD
org.glite.wms-utils.classad.DEFAULT=glite-wms-utils-classad_HEAD
```

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```
org.glite.wms-utils.exception.DEFAULT=glite-wms-utils-exception_HEAD
org.glite.jdl.api-cpp.DEFAULT=glite-jdl-api-cpp_HEAD
org.glite.jobid.api-c.DEFAULT=glite-jobid-api-c_HEAD
org.glite.jobid.api-cpp.DEFAULT=glite-jobid-api-cpp_HEAD
org.glite.lb.client.DEFAULT=glite-lb-client_HEAD
org.glite.lb.common.DEFAULT=glite-lb-common_HEAD
org.glite.lbjp-common.db.DEFAULT=glite-lbjp-common-db_HEAD
org.glite.lbjp-common.server-bones.DEFAULT=glite-lbjp-common-server-bones_HEAD
org.glite.lbjp-common.trio.DEFAULT=glite-lbjp-common-trio_HEAD
org.glite.lb.logger.DEFAULT=glite-lb-logger_HEAD
org.glite.lb.server.DEFAULT=glite-lb-server_HEAD
org.glite.lb.types.DEFAULT=glite-lb-types_HEAD
org.glite.lb.utils.DEFAULT=glite-lb-utils_HEAD
org.glite.lb.ws-interface.DEFAULT=glite-lb-ws-interface_HEAD
org.glite.security.gss.DEFAULT=glite-security-gss_HEAD
$ etics-checkout --project-config glite_branch_3_1_0 -c glite-wms_HEAD org.glite.wms
$ for d in org.glite.lb*; do (cd $d && cvs up -Pd -r restruct_2007-11-19); done
$ etics-build org.glite.wms
```

-- FrancescoGiacomini - 08 Oct 2007

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