



Enabling Grids for E-scienceE

QWG Status

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www.eu-egee.org



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Quattor Working Group

Create, maintain, and support Quattor configuration for LCG.

- **Infrastructure**
- **Distribution**
- **Quattor/YAIM**
- **“Market Penetration”**
- **Summary**

- **Mailing Lists**

- QWG: project-lcg-gdb-quattor-wg@cern.ch (36)
- Quattor: project-quattor@cern.ch

- **Web Pages**

- Minimal documentation available.
- <http://svn.lal.in2p3.fr/LCG/QWG/web/index.html>

- **Bug Reports**

- Quattor Savannah Project

- **Repositories**

- **Pan Templates**
 - Service-based.
 - Minimal changes for adaptation.
 - Subversion: <http://svn.lal.in2p3.fr/LCG/QWG/templates/>
 - Branched/tagged following LCG releases.
- **Configuration Components**
 - Exist for “all” LCG services.
 - Missing for some external services (e.g. MySQL).
 - CVS: :pserver:anonymous@isscvcs.cern.ch:/local/repos/elfms
 - Tagged on per-component basis.

- **Sites will use combination most efficient for them:**
 - Manual vs. Quattor installation.
 - SPMA vs. yum/apt package management.
 - Quattor vs. YAIM configuration (or a mix).
- **Parallel Evolution**
 - Stick to service-based organization.
 - Isolate configuration done by Quattor components (e.g. cron).
 - Allow “classes” of configuration to be turned on/off.
 - Keep site configuration file as similar as possible.

- **Quattor Tutorial**
 - January 13-14, 2005 (CERN).
 - Presentation of LCG configuration with Quattor.
 - Well attended: 40 people, 20 institutes.

- **Quattor in LCG Production**
 - CERN
 - All nodes; YAIM/Quattor configuration.
 - CPPM
 - Grid nodes; Quattor configuration.
 - Dapnia
 - Grid nodes; Quattor installation, YAIM configuration.
 - LAL
 - Grid (will be all) nodes; Quattor configuration.

- **Quattor in Test**
 - CINES
 - Grid nodes; Quattor configuration.
 - CNAF
 - Grid/all nodes; Quattor configuration.
 - DESY
 - Grid nodes; Quattor/YAIM configuration?
 - Lyon
 - Quattor for LCG software updates.
 - NIKHEF
 - RAL

- **Quattor in Test**
 - RWTH (Aachen)
 - Grid nodes; Quattor configuration.
 - UAM (Madrid)
 - Non-grid nodes, grid once ATLAS runs on SL3.
- **Getting Feedback!**
 - Improving Quattor configuration.
 - Improving LCG software, too.

- **Summary**
 - Infrastructure in place:
 - web/mailing lists
 - bug reporting
 - repositories
 - Configuration for LCG 2.3.0:
 - Both templates and components exist.
 - Used in production at several sites.
 - Many sites beginning to test.
 - Feedback starting to come back.
- **Future Tasks**
 - Improve and extend configuration.
 - Begin looking at future LCG/EGEE releases.