



CENTRE NATIONAL
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Simplified Configuration & Alternate Installation Methods

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Installation Methods to Support

EU Reviewers made strong point: simple installation method for small sites.

► Methods to Support

❖ LCFGng

— Already standard install method → no problems here.

❖ Manual Installation

— Significant simplification for several services.

❖ CD / Shared File System

— Correct split of /opt/edg and /opt/edg/var areas.

❖ Quattor (new LCFGng replacement)

— Possible depending on effort required.

► Need volunteer sites.

► Need cooperation from middleware.



Places for Configuration Improvement

- ▶ Correct locations of configuration/log files.
- ▶ Correct recognition of EDG_LOCATION_VAR area.
- ▶ Registration of services
 - ❖ Clean registration and un-registration from init.d.
 - ❖ Addition/removal of needed cron entries.
- ▶ MySQL
 - ❖ Automatic table configuration from init.d.
 - ❖ Blocking of remote MySQL access.
- ▶ Tomcat
 - ❖ Separate start/stop of services.



Development Release

▶ HEAD of edg-release

- ❖ All latest integrated software (closest to 2.1.0).
- ❖ Recent additions: VOMS, LCAS, LCMAPS
- ❖ EDG software only uses gcc 3.2.2.

▶ Branch WP5 (b20030914_1440)

- ❖ Lots of bug fixes from WP5
- ❖ Incorporated after RLI integration, WP1 integration.

▶ Branch RLS (b20030923_0955)

- ❖ HEAD plus new RLS (RLI).
- ❖ Rearrangement of RLS services & configuration.
- ❖ Being integrated now.

To Be Done...

▶ For EDG 2.1.0

- ❖ Finish RLS (RLI) integration.
- ❖ Include VOMS-aware broker.

▶ For EDG 2.1.x

- ❖ Fabric monitoring web summary.
- ❖ Include VDT with gcc 3.2.2.
- ❖ Remove gcc 2.95.2 mess from release.

▶ Afterwards...

- ❖ Testing.
- ❖ Simplify configuration.
- ❖ Write evaluation (D6.8).



Changes With 2.1.0

► Incompatibilities:

- ❖ R-GMA, RLS
- ❖ Coordinated upgrade!

► Node layout:

- ❖ "Per Grid"
 - R-GMA Registry, RBs, CAs
- ❖ "Per VO"
 - VOMS, RMC (Replica Metadata Catalog)
- ❖ "Per Site"
 - CE (Gatekeeper + Worker Nodes)
 - SE (or SECLASSIC)
 - MON (R-GMA, site monitoring)
 - RLS (LRC, ROS, RLI)



Summary

▶ Now:

- ❖ EDG 2.0.5 (2.0.6?) on application testbed.

▶ Just after Heidelberg:

- ❖ EDG 2.1.0

▶ Mid-October → Mid-December

- ❖ Evaluate release
- ❖ Clean up configuration
- ❖ Write report (D6.8).