

Enabling Grids for E-sciencE

CESNET report

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Information Society

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RC1 and support issues

• RC1 branch for both L&B and JP primary storage

- "interlogger saga"
 - deeply hidden bug in interlogger queue management
 - found and fixed finally by Francesco P.
 - confirmed today by Zdenek & Michal
- L&B authorization re-enabled
 - VOMS and GridSite seems to be stable in CVS
 - currently on HEAD
 - if there are no problems, it should go to RC1 too
 - user's requirement (Stefano Belforte) shall we provide default ACL (VOMS group) in UI?



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L&B proxy

- L&B proxy module created in CVS (HEAD)
- client API ready (edg_wll_*Proxy() calls)
- direct job registration planned
 - bypass interlogger
 - fewer problems with synchronous events
 - improved authorization: directly authenticated user becomes the job owner
 - to appear in February
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R-CGMA Development Status

skeleton of L&B component implementation ready

- design of L&B events table done
 - complex due to high variability
- L&B⇔SQL library
 - conversion between L&B internal event representation and SQL statements
 - required for "flesh" of the L&B components
- L&B server store interface freshly done, untested
 - close to the "first L&B event over R-CGMA" milestone
- certain changes on L&B common components required
 - will be done on HEAD carefully
 - no impact on original L&B functionality

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Miscelaneous development

- L&B reputability rank
 - classad plugin provided
 - any news?
- gsoap plugin
 - communication with CERN started,
 - covergence to common solution
 - more news expected in February (Dan Kouřil in CERN)

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 - primary source Doxygen comments in *.h
 - Doxygen still missing in build system promissed to be added ASAP
- WS interface
 - comments in WSDL
 - review and automatic generation planned (to keep aligned with legacy API)
- Installation and usage notes
 - plain text files in CVS, installed with RPM's
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