CESNET Report

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LB Proxy—Current state

- The basic funtionality is ready to use—could start integration

- Producer and consumer API—both using UNIX socket

- Sequence code management

- Forwarding events to a proper LB server(s)

- Client API examples (both producer and consumer)
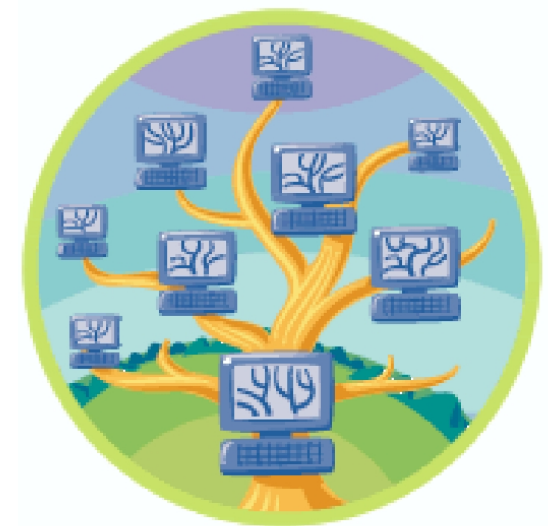
LB Proxy—to be done

- Job registration (temporary done by old style synchronous calls)

- Automated purge/clean strategy

- When exactly can we purge the job data? (in state DONE_OK or ABORT, after given time out)

- Release RPMs—potential problem with two sets of RPM packages from one (lbserver) module?

- All the behavior should be tested more thoroughly with workload manager

Job Provenance

- Available in gLite CVS

  - integration into build system could be starte

- Existing WSDL's (please have a look at it)

- Besides its availability, JP requires lot of testing and further development

Job Provenance—integration with WMS and LB

- Approach to be used to feed JP by LB (NS)

  - which JP should be used?

  - "fallback" JP for every LB server

  - use user tags to give a JP location—should be stored in a job state also

Job Provenance—future plans

- Deploy integrated version as soon as possible

- Use Server Bones library and WS plugin

- FTP authorization

- Negotiate the strategies for purging data stores

- Deploy User Interface (not a priority now, probably after a review)

Documentation

- We started with documentation generation from source code via doxygen

- Very first version—more feedback needed

- Doxygen and it's tools are not in repository

- The present situation—open issues

  - it is not clear, what should be done next
  - the place for generated documentation not known
  - the format of documentation is not known
  - any method for automatic generation not given

- Substitute library designed for usage in unit tests

- Implements a subset of LB client API

- Enables to adjust returned data (callbacks definitions)

- More detailed documentation in org.glite.lb/client/doc/README-fake

- Example of use in org.glite.lb/client/test/job_log_fake.cpp

- Tagged RC1 branch

- Notification (HOLUB) service

  - race condition in interlogger fixed
  - it has been shown that cover tests are needed