

LB WorkPlan

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on behalf of the LB Product Team

Prepared in the old style, switching to PT approach now...

- LB 1.9.3
 - Initial implementation of server-side support for MSG (Dashboard etc.)
 - ▶ Primarily for testing
 - Penultimate feature release in the gLite 3.1 branch
 - Ready for certification since September, delayed by RPATH
 - **JANUARY 2010**
- LB 2.0
 - Ping-pong between the provider and certifier
 - ▶ new major release, non-trivial integration issues
 - ▶ delayed even further by RPATH
 - Adopted Product-Team approach – ready for certification
 - **JANUARY 2010**

- LB.HARVESTER 1.0
 - Notification-based gathering of information for monitoring systems (RTM)
 - Initial release in the LB 2.0 (gLite 3.2) branch
 - To be used primarily by RTM to achieve compatibility with LB 2.0
 - **END OF JANUARY 2010**
- LB 1.10
 - Including an adjusted version of the lb.harvester module
 - ▶ fast deployment is priority
 - ▶ less efficient, full server support in LB 2.0 only
 - ▶ changed deployment scenario wrt. original intention
 - Final feature release in the gLite 3.1 branch
 - **FEBRUARY 2010**


Bugfix releases as required. . .


- Bugfix releases for LB 1.x
 - MONTHLY as required
- Bugfix releases for LB 2.x
 - MONTHLY
 - Dates will be clearer once WMS starts generating input
 - Internal releases (lightweight certification) should suffice
 - ▶ Will be tested properly by WMS integration

- LB 2.1
 - Preliminary IPv6 readiness
 - Common logging format
 - Collection aware purge
 - Initial implementation of WS interface to support AGU / Glue 2.0
 - Unification of LB authz configuration
 - Elementary support for native (non-WMS) CREAM jobs
 - Logging sandbox transfer events – specific state machine
 - Advanced authorization (finer superuser access – limit accessible fields eg. for monitoring tools)
 - MARCH 2010

- LB 2.2
 - More elaborated support for CREAM jobs
 - Publishing notifications to MSG infrastructure
 - ▶ Definite solution
 - Extended WS interface to support AGU / Glue 2.0
 - Advanced authorization (grant write access on job annotations, support job owner switching for pilots)
 - APRIL 2010

General idea: new interface to LB compatible with the AGU (aka BES2) interface proposed standard, i.e. WS interface compliant with Glue 2.0 schema:

 AGU Execution Service strawman rendering (draft v9),
<http://forge.ogf.org/sf/go/doc15628>

 GLUE Specification v. 2.0,
<http://www.ogf.org/documents/GFD.147.pdf>

In particular: implement *GetActivityStatus*, *GetActivityInfo* and *QueryActivityInfo* [AGU] operations in LB (namely enhance existing LB-WS interface).

Proposed in LB 2.1

- `GetActivityStatus` – return states of given jobs (list of jobIds); done,
- `GetActivityInfo` – return complete state information (history?) of given jobs (list of jobIds); work in progress

Proposed in LB 2.2

- `QueryActivityInfo` – query all (user?) jobs; functionality not fully defined