



GDB

Pilot Jobs + glexec

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Pilot Jobs

- At its meeting earlier this week, JSPG produced a new draft of the security policy document on multi-user pilot jobs.
- This draft (V0.4a) may be found at <https://edms.cern.ch/document/855383/1>
- The important change was that this policy now refers to the new policy on Traceability and Logging).



Review glxexec

- The identity change and sub-job management must be executed by a commonly agreed mechanism that has been reviewed by a recognized group of security experts.
- At present the only candidate is *glxexec*, and a positive review by the security teams of each of the grid infrastructures (OSG, EGEE) would be sufficient.
- Reviewed by EGEE – see November GDB
- Now being tested,.



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Batch testing

- CERN LSF
<https://twiki.cern.ch/twiki/bin/view/FIOgroup/FsLSFGridglExec>
 - NIKHEF PBS
 - CC-IN2P3 BQS
 - LAL PBS
 - CESGA SGE
 - Condor
 - Others?
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- CERN Tests are a good example. NIKHEF will publish a generic set soon.



Experiment Frameworks

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Upcoming Releases/RoadMap

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- SCAS and glexec on the WN
 - Server version of LCAS has been coded
 - NIKHEF waits for a new version of an interoperability lib.
 - Provided by the globus team
 - Internal tests will start in March
 - Glexec on WN
 - Tests on different batch systems in preparation
 - SCAS will require extensive scalability and stability tests
 - SCAS is a potential SPOF on a site
- Estimate: 3-4 months away from production



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Timescales

- glexec review – done
- Glexec testing - started
- Framework Review
- Batch system testing
 - Started
- Glexec certification and deployment
 - Once testing
- LCAS/LCMAPS service
 - 3-4 months away