

Status Report

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Gratia Development

- Gratia Core
 - Found/fixing Gratia Admin Interfaces bug
 - Working on build process modification (consultant)
 - New release is coming soon
- Gratia Probes
 - Bug fixes
 - New features
 - Quarantine records
 - Pbs/Isf records that drastically exceeds efficiency
 - Unknown VO records
 - Included in OSG 1.3.19
- Gratia reporting
 - New reports:
 - Transfer report per VO per site (Fermi archival project)
 - Daily Unknown VO reports for OSG gratia instance
 - Fermilab accounting reports
 - OSG XSEDE report modification

Gratia Testing

- Working on incorporating gratia testing to osg-testing framework (consultant)
- Now can test:
 - Gratia service (installation, database, and web access)
 - Probes: condor, pbs/lsf, gridftp, glexec, psacct, gridftp-transfer, dcache-storage.
- Waiting for Tim Cartwright for code review

Fermi Accounting Scoreboard

- Requested by M. Votava, R. Pordes, S. Wolbers, S. Timm
- Grid, Cloud, Storage, GPCF Accounting for all IF experiments
- Progress:
 - Collected initial requirements
 - Generate monthly report
 - Working on the website
(<http://fermigrid.fnal.gov/scoreboard>)

Gratia/OSG

- Campus Grid – no real progress. Discussed during OSG AH Meeting gratia batch probe/installation and configuration.
- Science Field (see Jira request <https://jira.opensciencegrid.org/browse/REQUESTS-54>) – need discussion and cooperation of OIM developers

OSG-XSEDE

- Backfilled Project Name in OSG gratia instance
- Coordinated/tested multiple bug fixes for Project Name graphical reports via gratiaweb
- Modified OSG-XSEDE Report according to new requirements
- Started work on Gratia-GOLD new feature: charge XSEDE allocations by jobs submitted from nodes other than osg-xsede (consultant)
- Pending request for gratiaweb - Project Name resource usage at a Site
 - <https://jira.opensciencegrid.org/browse/REQUESTS-56>

OSG/WLCG

- Tried to transfer ticket creation/monitoring to GOC - can not establish the right process. John is still involved .
- John is planning to :
 - Move Gratia-APEL interface software to GOC repository (waiting for access)
 - Complete installation documentation (in 2 weeks)
 - Complete rpm testing (in 3 weeks)
- Numerous tickets have been opened with respect to OSG/WLCG reporting:
 - Add normalization factor to the resource group element for WLCG accounting interface, interoperability report, installed capacity
 - <https://jira.opensciencegrid.org/browse/OIM-38>
 - <https://jira.opensciencegrid.org/browse/OIM-32>
 - <https://jira.opensciencegrid.org/browse/OIM-19>
 - Gratiaweb wlcg/apel reporting is broken
 - <https://jira.opensciencegrid.org/browse/GRATIAWEB-29>
 - <https://ticket.grid.iu.edu/goc/13300>

GratiaWeb

- The only tool to generate gratia reports
- A lot of opened tickets/requests without any comments
- No real ownership at the moment
- Very hard to customize outside OSG (little documentation)