

CREAM Releases Update

GDB, 12th January 2011

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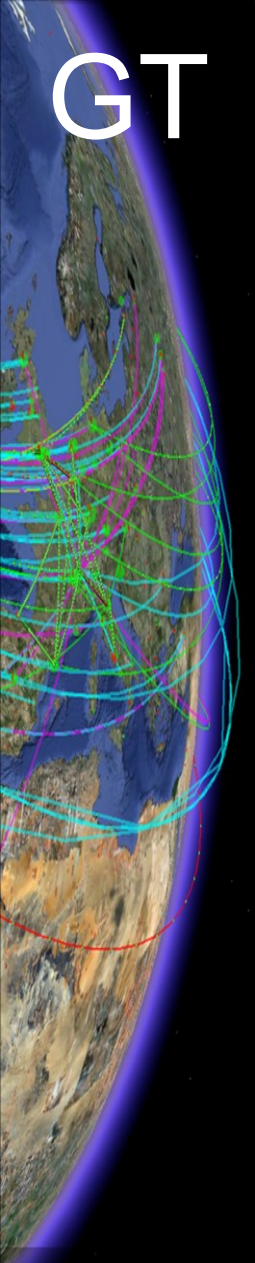
- 3.2 CREAM 1.6.3 is the production version
 - Released on 10.11.2010.
 - See for more details:
 - http://glite.web.cern.ch/glite/packages/R3.2/sl5_x86_64/deployment/glite-CREAM/3.2.8-2.sl5/glite-CREAM-3.2.8-2.sl5-update.html
 - Highlights in this version:
 - Fixed some problems in the new BLAH blparser for which in some cases jobs were wrongly reported as "lost".
 - Addressed a performance problem affecting the proxy renewal operation.
 - PBS submission script created by BLAH is now compliant with newer versions of Torque wrt stagein/stageout directives (-W option)
 - CREAM sandbox dir is now relocatable also at yaim level.



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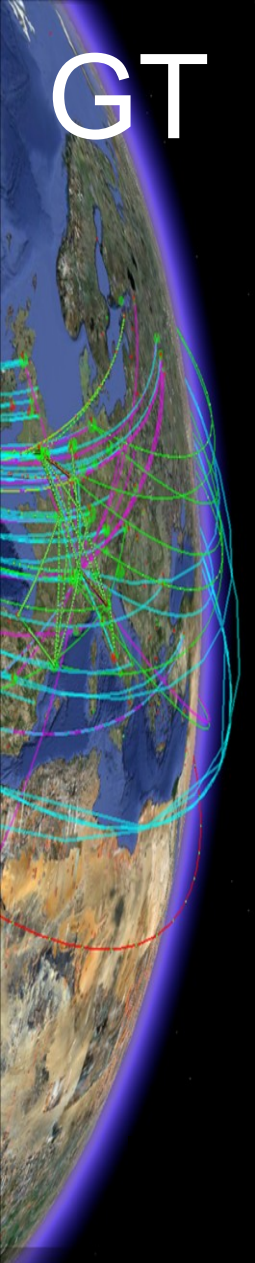
- 3.2 CREAM 1.7 is in preparation
 - Planned for 28.02.2011. Check the gLite release calendar to be up to date: <http://bit.ly/22we3i>
 - See <https://savannah.cern.ch/patch/index.php?4051>
 - Highlights in this version:
 - Integration with Argus (optional, configurable)
 - Glue 2 support
 - Better support for execution on multicore machines (i.e. addressing the requirements of the EGEE MPI WG)



- 3.1 CREAM 1.6.1 is in Production
 - Released on 05.07.2010
 - See for more details:
 - <http://glite.web.cern.ch/glite/packages/R3.1//deployment/glite-CREAM/3.1.26-0.slc4/glite-CREAM-3.1.26-0.slc4-update.html>
 - Highlights in this version:
 - Glexec calls replaced with sudo calls
 - New BLAH parser used for Torque and LSD. Old parser still supported.



- 3.1 CREAM 1.6.3 is now in Staged Rollout
 - See <https://savannah.cern.ch/patch/index.php?4543>
 - It was decided to release v. 1.6.3 also in 3.1 to leave CREAM in a stable version.
 - This is the last CREAM release in 3.1.
 - Security updates will end on 31.01.2011, which means that 3.1 CREAM will be phased out at the end of the month.
 - See the gLite 3.1 Retirement Calendar:
<http://glite.web.cern.ch/glite/packages/R3.1/>
 - CREAM was released in SL5 on 07.01.2010



- There are 38 open CREAM bugs:
 - 4 'None'
 - 11 'Accepted'
 - 9 'In progress'
 - 14 'Integration Candidate' (Already included in CREAM 1.7 patch)
 - No critical bugs, only 1 major bug.
- There 8 open CREAM GGUS tickets
 - All of them are tracked in the corresponding bug in Savannah.
 - 3 'urgent' and 5 'less urgent'.



- Some open bugs experienced recently in 3.2 (feedback from CERN):
 - <http://savannah.cern.ch/bugs/?74539>
 - jobStart() is processed before the end of the putProxy() execution
 - Problem rarely occurs in 1.6.3
 - It will be formally fixed in 1.7
 - <https://savannah.cern.ch/bugs/?72616>
 - Problem to connect blparser and cream
 - It will be fixed in 1.7
 - <https://savannah.cern.ch/bugs/?76235>
 - garbled sudoers file after reconfiguration with yaim
 - It will be fixed in 1.7



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