

Automatic tests:

- All the tests of the CREAM testsuite have been successfully executed except the following ones:
 - ◆ test #4 which reports a 'missing cancellation' over 1000 jobs for unreproducible reason.

Check bugs:

- Bugs #45437 : Sometimes the jobPurger throws the exception "Too many open files" HOPEFULLY FIXED
 - ◆ This bug is not easy to reproduce, it happened only when the load of the CE was very high and there were a lot of jobs to purge. In all the tests of heavy submissions through ICE we haven't see it.
- Bugs #45718 : Some check on log lines should be added on BLParser code HOPEFULLY FIXED
 - ◆ Changes inside the code.
- Bugs #45736 : Problems in case of resubmissions in the same CREAM CE FIXED
 - ◆ Submit a job that will be resubmitted (e.g. Set *Prologue* = *"/bin/false"* in the jdl) and that will match only one resource (e.g. use option *--resource, -r <ce_id>* of the glite-wms-job-submit command)
 - ◆ When the job terminated check if the creamID changes after every resubmission using the command *glite-job-logging-info -v* (e.g. look at the filed *Dest jobid* in the *Transfer* event logged by *LogMonitor*)
- Bugs #45913 : Proxy renewal not done for CREAM jobs not yet in IDLE status HOPEFULLY FIXED
 - ◆ You can verify it only with a large number of jobs, because it is a very rare condition. In all the tests of heavy submissions through ICE we haven't see it.
- Bugs #45983 : BLAH can leave children processes behind. HOPEFULLY FIXED
 - ◆ Not easy to reproduce
- Bugs #46024 : Sometimes the AbstractJobExecutor throws the exception "Too many open files" HOPEFULLY FIXED
 - ◆ This bug is not easy to reproduce, it happened only when the load of the CE was very high. In all the tests of heavy submissions through ICE we haven't see it.
- Bugs #46283 : Possible memory leak in strtoken function for BLParser HOPEFULLY FIXED
 - ◆ Not easy to reproduce
- Bugs #46684 : CREAM should call glxec directly (not via a wrapper script) HOPEFULLY FIXED
 - ◆ Changes inside the code.
- Bugs #46916 : blparser startup daemon FIXED
 - ◆ Log on a CE where the Blparser is supposed to run.
 - ◆ Using the command "ps ax | grep -i parser" you should see two processes:


```
23221 /opt/glite/bin/blparser_master
28232 /opt/glite/bin/BLParserPBS -d 1 -l /opt/glite/var/log/glite-pbsparser.log -s
```
 - ◆ Kill the BLParserPBS process (e.g. kill -15 28232), and after some seconds you should see a new process
- Bugs #47209 : BL parser startup script assumes \${GLITE_LOCATION_VAR} exists FIXED
 - ◆ Check the file */opt/glite/etc/init.d/glite-ce-blparser* to see is these lines have been removed:

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```
pidfile=$GLITE_LOCATION_VAR/glite-blparser${lrms}.pid
echo `pidofproc ${exe}` > $pidfile
```

- Bugs #47375 : BLParser could fail in sending notification to cream HOPEFULLY FIXED
 - ◆ Not easy to reproduce
- Bugs #47655 : Failure updating the main authN proxy FIXED
 - ◆ Verified with test #13 of the CREAM testsuite.
- Bugs #47700 : glexec failures in CREAM because /tmp is used as working directory HOPEFULLY FIXED
 - ◆ Not easy to reproduce. The bug occurred only on IN2P3 installations, the reasons are still unknown. This should be a blocking bug for every register operation.

-- AlessioGianelle - 24 Feb 2009

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