

## Check bugs:

- **BUG #38420 : FIXED**

- ◆ set the following parameters:

```
<parameter name="JOB_PURGE_RATE" value="5" /> <!-- minutes -->
<parameter name="JOB_PURGE_POLICY" value="ABORTED 5 minutes ; CANCELLED 5 minutes ;
DONE-OK 5 minutes ; DONE-FAILED 5 minutes ; REGISTERED 5 minutes ;
```

in the `commandexecutor` section of the cream configuration

- ◆ submit a short-live job (10 minutes) and verify the "really-running" status
- ◆ wait 20 minutes and verify that the job has been purged

- **BUG #41122 : FIXED**

- ◆ execute the command "CEMonitorGetEvent" with a "DUMMY" topic and/or a "DUMMY" dialect, or whatever topic which is not listed by the "CEMonitorGetTopics" command.
- ◆ verify that the error message returned is like:

```
CEMon raised a fault:
MethodName = [getTopicEvent]
Timestamp = [1223972246]
ErrorCode = [3]
Description = [Topic "DUMMY" not supported]
FaultCause = [Topic "DUMMY" not supported]
```

- **BUG #41189 : FIXED**

- ◆ Verify the SQL scripts contained into `/opt/glite/etc/glite-ce-cream/` directory

- **BUG #41382 : FIXED**

- ◆ Submit a jdl containing the statement:

```
CERequirements = ( other.GlueHostMainMemoryVirtualSize > 900 );
```

and verify the correct execution of the job

- **BUG #41713 : HOPEFULLY FIXED**

- ◆ internal fix

- **BUG #41716 : FIXED**

- ◆ Submit a jdl containing the statement:

```
CERequirements = ( "other.GlueHostMainMemoryRAMSize > 300" );
```

and verify the correct execution of the job

- ◆ There are some problems:
  - ◇ The temporary file with the requirement is not removed from the CE
  - ◇ If the job cannot submit due to not satisfied requirements a not clear message is returned:

```
Status = [ABORTED]
ExitCode = []
FailureReason = [BLAH error: no jobId in submission script's output (
```

or

```
Status = [ABORTED]
ExitCode = []
```

FailureReason = [BLAH error: submission command failed (exit code = 1

- BUG #41724 : HOPEFULLY FIXED
  - ◆ internal improvement
- BUG #41809 : FIXED
  - ◆ see bug #38420
- BUG #41818 : FIXED
  - ◆ execute the cream testsuite
- BUG #41823 : FIXED
  - ◆ submit a "one second sleep" job or submit a long-live job and restart the service when the job reaches the "REALLY-RUNNING" status
  - ◆ verify that the job reaches a termination state
- BUG #41880 : HOPEFULLY FIXED
  - ◆ internal fix, cannot reproduce
- BUG #42096 : FIXED
  - ◆ submit a jdl without the outputsandbox parameter and verify the correct execution of the job
- BUG #42191 :
- BUG #42290 :
- BUG #42324 : FIXED
  - ◆ submit a long-live job and restart only the CREAM service when the job reaches the "REALLY-RUNNING" status
  - ◆ verify that the status of the job changes after the startup
- BUG #42401 : FIXED
  - ◆ submit the following jdl (specify a valid URL for outputsandboxdesturi):

```
[
executable="/bin/env";
stdoutoutput="out.txt";
outputsandbox="out.txt";
outputsandboxdesturi={ "gsiftp://...../tmp/out.txt" };
MWversion="3.1.0";
]
```
  - ◆ verify that the "out.txt" file contains the definition:

```
EDG_MW_VERSION=3.1.0
```
- BUG #42649 : HOPEFULLY FIXED
  - ◆ run the testsuite with high values for maxRunningJobs and maxConcurrentSubmit parameters

-- AlessioGianelle - 13 Oct 2008

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