

Table of Contents

CREAM v. 1.14.5 - Testing report SL6: IGIRTC-157.....	1
Summary.....	1
Deployment tests.....	1
Clean Installation.....	1
CREAM PBS.....	1
CREAM LSF.....	1
Upgrade Installation.....	1
CREAM PBS.....	1
CREAM LSF.....	1
Unit Tests Passed.....	1
System tests.....	1
Functionality tests.....	2
CREAM PBS.....	2
CREAM LSF.....	3
CREAM Torque using ARGUS authentication.....	4
Regression tests.....	6
Bug #CREAM-111 Wrong tokenization for epilogue argument list FIXED.....	6
Bug #CREAM-101 Wrong time format for MaxWallClockTime FIXED.....	6
Bug #CREAM-99 Python error on ERT calculation: local variable 'est' referenced before assignment FIXED.....	7
Bug #CREAM-84 The DelegationPurger may cause a java.lang.OutOfMemoryError exception FIXED.....	8
Bug #CREAM-83 CREAM should be able to immediately kill also queued jobs, when the proxy is expiring FIXED.....	10
Bug #CREAM-82 Check permission for /var/cream_sandbox FIXED.....	11
Bug #CREAM-78 Check for /etc/lrms in config_cream_gip_scheduler_plugin FIXED NOT CERTIFIED.....	11
Bug #CREAM-77 List index error from persistent estimator FIXED.....	11
Bug #CREAM-75 CREAM should avoid to log the error messages by including even the full stack trace (i.e printStackTrace()) FIXED.....	12
Standard conformance tests.....	13
Glue 1 Compliance - PASSED.....	13
Glue 2 Compliance - PASSED.....	15
Performance and scalability tests.....	20
Integration testing.....	20

CREAM v. 1.14.5 - Testing report SL6: IGIRTC-157

Summary

- Product: **CREAM v. 1.14.5**
- Release Task: IGIRTC-157
- ETICS Subsystem Configuration Name:
- VCS Tag:
- EMI Major Release: **EMI 2 (Matterhorn)**
- Platform: **SL6 epel**
- Author: Sergio Traldi
- Testing report: Testing Report file
- Certification report: Certification Report file
- Outcome: "Certified"

Deployment tests

Clean Installation

CREAM PBS

- ♦ Installation log file
- ♦ Configuration log file

CREAM LSF

- ♦ Installation log file
- ♦ Configuration log file

Upgrade Installation

CREAM PBS

- ♦ Update log file
- ♦ Configuration log file

CREAM LSF

- ♦ Update log file
- ♦ Configuration log file

Unit Tests Passed

- Available at: [[[Unit Test report]]]

System tests

Authentication using GJAF and ARGUS

Functionality tests

CREAM PBS

```
[traldi@cert-16 ~]$ pybot -e glue /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpv1h0A4.cream_testing/
=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
Check Executables :: Check whether the needed executables for the ... | PASS |
-----
Simple Submit :: Execute /bin/uname -a.Submit the jdl and wait for... | PASS |
-----
ISB Base URI :: Execute a bash shell script.The script is stored i... | PASS |
-----
ISB Client to CE :: Execute a bash shell script.The script is stor... | PASS |
-----
ISB gsiftp to CE :: Execute a bash shell script.The script is stor... | PASS |
-----
OSB localhost :: Execute /bin/uname -a.Store std out and error str... | PASS |
-----
OSB gsiftp BaseDestURI :: Execute /bin/uname -a.Store std out and ... | PASS |
-----
OSB gsiftp DestURI :: Execute /bin/uname -a.Store std out and erro... | PASS |
-----
Environment :: Execute a bash shell script.The script is stored lo... | PASS |
-----
Epilogue :: Execute two bash shell scripts,one for the job and the... | PASS |
-----
Prologue :: Execute two bash shell scripts,one for the job and the... | PASS |
-----
Explicit Delegation :: Test job submission with explicit delegatio... | PASS |
-----
Job Cancel :: Test job cancellation.Two cases are tested:           | PASS |
-----
Job List :: Test the job listing cli utility.Store the list of the... | PASS |
-----
Job Suspend - Resume :: Submit a job and suspend it.Wait until it'... | PASS |
-----
Manually Cancel Job :: Submit a job and then manually cancel it on... | PASS |
-----
Verify CE service info :: This test case verifies the output of th... | PASS |
-----
Enable - Disable Submission :: This test case tests the proper fun... | PASS |
-----
Job Purge :: This test case verifies the proper functionality of t... | PASS |
-----
Admin Manage Job :: This test case checks whether a user can manag... | PASS |
-----
Limiter :: NOTE: This test case is about 25 minutes long!           | PASS |
-----
Ban User :: This test case tests if the banning of user works. The... | PASS |
-----
Sandbox Staging :: This test case tests the two different Sandbox ... | PASS |
-----
Automatic Proxy Purging :: This test case checks the automatic pro... | PASS |
-----
Verify Job Status Output :: This test is checking the output of th... | PASS |
-----
OutputData :: This test case tests the OutputData jdl attribute. T... | PASS |
-----
Automatic Job Purge :: This test case is testing the functionality... | PASS |
-----
Proxy Renewal :: Submit a job lasting 20 minutes using a proxy val... | PASS |
```

```

-----
CPU Allocation 1 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 2 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 3 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 4 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 5 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 6 :: Validate the contents of the batch job submiss... | PASS |
-----
Resource BDII :: Check if the resource bdii publishes all the rele... | PASS |
-----
Logging and Bookkeeping :: Check if the logging and bookkeeping se... | PASS |
-----
Old BLParser Restart :: Configure a CREAM CE using the old blah bl... | PASS |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
38 critical tests, 38 passed, 0 failed
38 tests total, 38 passed, 0 failed
=====
Output: /home/traldi/output.xml
Log: /home/traldi/log.html
Report: /home/traldi/report.html

```

• Functionality test suite log

CREAM LSF

```

[traldi@cert-16 ~]$ pybot -e glue /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmp18E6Ja.cream_testing/
=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
Check Executables :: Check whether the needed executables for the ... | PASS |
-----
Simple Submit :: Execute /bin/uname -a.Submit the jdl and wait for... | PASS |
-----
ISB Base URI :: Execute a bash shell script.The script is stored i... | PASS |
-----
ISB Client to CE :: Execute a bash shell script.The script is stor... | PASS |
-----
ISB gsiftp to CE :: Execute a bash shell script.The script is stor... | PASS |
-----
OSB localhost :: Execute /bin/uname -a.Store std out and error str... | PASS |
-----
OSB gsiftp BaseDestURI :: Execute /bin/uname -a.Store std out and ... | PASS |
-----
OSB gsiftp DestURI :: Execute /bin/uname -a.Store std out and erro... | PASS |
-----
Environment :: Execute a bash shell script.The script is stored lo... | PASS |
-----
Epilogue :: Execute two bash shell scripts,one for the job and the... | PASS |
-----
Prologue :: Execute two bash shell scripts,one for the job and the... | PASS |
-----
Explicit Delegation :: Test job submission with explicit delegatio... | PASS |
-----
Job Cancel :: Test job cancellation.Two cases are tested: | PASS |
-----
Job List :: Test the job listing cli utility.Store the list of the... | PASS |
-----

```

CREAM PBS

EMI2CREAMTaskIGIRTC157SL6 < IGIRRelease < TWiki

```
Job Suspend - Resume :: Submit a job and suspend it.Wait until it'... | PASS |
-----
Manually Cancel Job :: Submit a job and then manually cancel it on... | PASS |
-----
Verify CE service info :: This test case verifies the output of th... | PASS |
-----
Enable - Disable Submission :: This test case tests the proper fun... | PASS |
-----
Job Purge :: This test case verifies the proper functionality of t... | PASS |
-----
Admin Manage Job :: This test case checks whether a user can manag... | PASS |
-----
Limiter :: NOTE: This test case is about 25 minutes long! | PASS |
-----
Ban User :: This test case tests if the banning of user works. The... | PASS |
-----
Sandbox Staging :: This test case tests the two different Sandbox ... | PASS |
-----
Automatic Proxy Purging :: This test case checks the automatic pro... | PASS |
-----
Verify Job Status Output :: This test is checking the output of th... | PASS |
-----
OutputData :: This test case tests the OutputData jdl attribute. T... | PASS |
-----
Automatic Job Purge :: This test case is testing the functionality... | PASS |
-----
Proxy Renewal :: Submit a job lasting 20 minutes using a proxy val... | PASS |
-----
CPU Allocation 1 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 2 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 3 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 4 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 5 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 6 :: Validate the contents of the batch job submiss... | PASS |
-----
Resource BDII :: Check if the resource bdii publishes all the rele... | PASS |
-----
Logging and Bookkeeping :: Check if the logging and bookkeeping se... | PASS |
-----
Old BLParser Restart :: Configure a CREAM CE using the old blah bl... | PASS |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
38 critical tests, 38 passed, 0 failed
38 tests total, 38 passed, 0 failed
=====
Output: /home/traldi/output.xml
Log: /home/traldi/log.html
Report: /home/traldi/report.html
```

• Functionality test suite log

CREAM Torque using ARGUS authentication

```
[traldi@cert-16 ~]$ pybot -e glue /opt/cream_test/testsuite/cream_test_suite.html
INFO: The files of this testsuite will be stored under: /tmp/tmpzvq_gh.cream_testing/
=====
Cream Test Suite :: This is the main testing module,needed for testing the ...
=====
Set Log Level :: Set the log level used for the test suite. This c... | PASS |
-----
```

EMI2CREAMTaskIGIRTC157SL6 < IGIRRelease < TWiki

```
Check Executables :: Check whether the needed executables for the ... | PASS |
-----
Simple Submit :: Execute /bin/uname -a.Submit the jdl and wait for... | PASS |
-----
ISB Base URI :: Execute a bash shell script.The script is stored i... | PASS |
-----
ISB Client to CE :: Execute a bash shell script.The script is stor... | PASS |
-----
ISB gsiftp to CE :: Execute a bash shell script.The script is stor... | PASS |
-----
OSB localhost :: Execute /bin/uname -a.Store std out and error str... | PASS |
-----
OSB gsiftp BaseDestURI :: Execute /bin/uname -a.Store std out and ... | PASS |
-----
OSB gsiftp DestURI :: Execute /bin/uname -a.Store std out and erro... | PASS |
-----
Environment :: Execute a bash shell script.The script is stored lo... | PASS |
-----
Epilogue :: Execute two bash shell scripts,one for the job and the... | PASS |
-----
Prologue :: Execute two bash shell scripts,one for the job and the... | PASS |
-----
Explicit Delegation :: Test job submission with explicit delegatio... | PASS |
-----
Job Cancel :: Test job cancellation.Two cases are tested:           | PASS |
-----
Job List :: Test the job listing cli utility.Store the list of the... | PASS |
-----
Job Suspend - Resume :: Submit a job and suspend it.Wait until it'... | PASS |
-----
Manually Cancel Job :: Submit a job and then manually cancel it on... | PASS |
-----
Verify CE service info :: This test case verifies the output of th... | PASS |
-----
Enable - Disable Submission :: This test case tests the proper fun... | PASS |
-----
Job Purge :: This test case verifies the proper functionality of t... | PASS |
-----
Admin Manage Job :: This test case checks whether a user can manag... | PASS |
-----
Limiter :: NOTE: This test case is about 25 minutes long!           | PASS |
-----
Ban User :: This test case tests if the banning of user works. The... | PASS |
-----
Sandbox Staging :: This test case tests the two different Sandbox ... | PASS |
-----
Automatic Proxy Purging :: This test case checks the automatic pro... | PASS |
-----
Verify Job Status Output :: This test is checking the output of th... | PASS |
-----
OutputData :: This test case tests the OutputData jdl attribute. T... | PASS |
-----
Automatic Job Purge :: This test case is testing the functionality... | PASS |
-----
Proxy Renewal :: Submit a job lasting 20 minutes using a proxy val... | PASS |
-----
CPU Allocation 1 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 2 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 3 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 4 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 5 :: Validate the contents of the batch job submiss... | PASS |
-----
CPU Allocation 6 :: Validate the contents of the batch job submiss... | PASS |
```

```
-----
Resource BDII :: Check if the resource bdii publishes all the rele... | PASS |
-----
Logging and Bookkeeping :: Check if the logging and bookkeeping se... | PASS |
-----
Old BLParser Restart :: Configure a CREAM CE using the old blah bl... | PASS |
-----
Cream Test Suite :: This is the main testing module,needed for tes... | PASS |
38 critical tests, 38 passed, 0 failed
38 tests total, 38 passed, 0 failed
=====
Output: /home/traldi/output.xml
Log: /home/traldi/log.html
Report: /home/traldi/report.html
```

- Functionality test suite log

Regression tests

Bug #CREAM-111 Wrong tokenization for epilogue argument list **FIXED**

From UI:

```
[traldi@cert-16 ~]$ cat epilogueCream.jdl
[
executable="/bin/sleep";
arguments="15";
inputsandbox={"gsiftp://cream-23.pd.infn.it/tmp/epilogue.sh"};
outputsandbox={"*.txt" };
outputsandboxbasedesturi="gsiftp://cream-23.pd.infn.it/tmp";
epilogue="epilogue.sh";
epiloguearguments="A B";
]
```

```
[traldi@cert-16 ~]$ glite-ce-job-submit -r cream-23.pd.infn.it:8443/cream-lsf-cert -a epilogueCre
https://cream-23.pd.infn.it:8443/CREAM519614898
```

```
[traldi@cert-16 ~]$ glite-ce-job-status https://cream-23.pd.infn.it:8443/CREAM519614898
```

```
***** JobID=[https://cream-23.pd.infn.it:8443/CREAM519614898]
Status = [DONE-OK]
ExitCode = [0]
```

```
[traldi@cert-16 ~]$ globus-url-copy gsiftp://cream-23.pd.infn.it:2811/tmp/epilogue.txt file:///ho
```

```
[traldi@cert-16 ~]$ cat epilogue.txt
arg1 = A
arg2 = B
```

Bug #CREAM-101 Wrong time format for MaxWallClockTime **FIXED**

From UI:

```
[traldi@cert-16 ~]$ ldapsearch -x -H ldap://cream-31.pd.infn.it:2170 -b o=grid | grep GlueCEPolic
GlueCEPolicyMaxWallClockTime: 4320
GlueCEPolicyMaxWallClockTime: 4320
GlueCEPolicyMaxWallClockTime: 4320
```

```
[traldi@cert-16 ~]$ ldapsearch -x -H ldap://cream-31.pd.infn.it:2170 -b o=grid | grep GlueCEPolic
GlueCEPolicyMaxObtainableWallClockTime: 4320
GlueCEPolicyMaxObtainableWallClockTime: 4320
GlueCEPolicyMaxObtainableWallClockTime: 4320
```

EMI2CREAMTaskIGIRTC157SL6 < IGIRelease < TWiki

```
[traldi@cert-16 ~]$ ldapsearch -x -H ldap://cream-31.pd.infn.it:2170 -b o=glue | grep GLUE2Comput
GLUE2ComputingShareDefaultWallTime: 259200
GLUE2ComputingShareDefaultWallTime: 259200
GLUE2ComputingShareDefaultWallTime: 259200
GLUE2ComputingShareDefaultWallTime: 259200
GLUE2ComputingShareDefaultWallTime: 259200
GLUE2ComputingShareDefaultWallTime: 259200
GLUE2ComputingShareDefaultWallTime: 259200
GLUE2ComputingShareDefaultWallTime: 259200
```

```
[traldi@cert-16 ~]$ ldapsearch -x -H ldap://cream-31.pd.infn.it:2170 -b o=glue | grep GLUE2Comput
GLUE2ComputingShareMaxWallTime: 259200
GLUE2ComputingShareMaxWallTime: 259200
GLUE2ComputingShareMaxWallTime: 259200
GLUE2ComputingShareMaxWallTime: 259200
GLUE2ComputingShareMaxWallTime: 259200
GLUE2ComputingShareMaxWallTime: 259200
GLUE2ComputingShareMaxWallTime: 259200
GLUE2ComputingShareMaxWallTime: 259200
```

From CE:

```
[root@cream-31 ~]# qmgr -c 'list queue cert' | grep walltime
resources_max.walltime = 72:00:00
```

Bug #CREAM-99 Python error on ERT calculation: local variable 'est' referenced before assignment FIXED

From UI:

```
[traldi@cert-16 ~]$ for i in `seq 1 20`; do echo $i; glite-ce-job-submit -r cream-31.pd.infn.it:8
1
https://cream-31.pd.infn.it:8443/CREAM945824659
2
https://cream-31.pd.infn.it:8443/CREAM693227405
3
https://cream-31.pd.infn.it:8443/CREAM353739651
4
https://cream-31.pd.infn.it:8443/CREAM847602741
5
https://cream-31.pd.infn.it:8443/CREAM325928049
6
https://cream-31.pd.infn.it:8443/CREAM663305582
7
https://cream-31.pd.infn.it:8443/CREAM538015230
8
https://cream-31.pd.infn.it:8443/CREAM769212889
9
https://cream-31.pd.infn.it:8443/CREAM328442000
10
https://cream-31.pd.infn.it:8443/CREAM962050109
11
https://cream-31.pd.infn.it:8443/CREAM178948530
12
https://cream-31.pd.infn.it:8443/CREAM818552706
13
https://cream-31.pd.infn.it:8443/CREAM287974227
14
https://cream-31.pd.infn.it:8443/CREAM195944878
15
https://cream-31.pd.infn.it:8443/CREAM958871654
16
https://cream-31.pd.infn.it:8443/CREAM710693409
17
https://cream-31.pd.infn.it:8443/CREAM198393458
```

Bug #CREAM-101 Wrong time format for MaxWallClockTime FIXED

18
 https://cream-31.pd.infn.it:8443/CREAM953372613
 19
 https://cream-31.pd.infn.it:8443/CREAM564066868
 20
 https://cream-31.pd.infn.it:8443/CREAM014426704

From CE:

```
[root@cream-31 ~]# qstat -Q
Queue           Max  Tot  Ena  Str  Que  Run  Hld  Wat  Trn  Ext T
-----
creamtest1      0    0  yes  yes   0    0    0    0    0    0 E
creamtest2      0    0  yes  yes   0    0    0    0    0    0 E
cert            0    2  yes  yes   1    1    0    0    0    0 E

[root@cream-31 ~]# qstat -Q
Queue           Max  Tot  Ena  Str  Que  Run  Hld  Wat  Trn  Ext T
-----
creamtest1      0    0  yes  yes   0    0    0    0    0    0 E
creamtest2      0    0  yes  yes   0    0    0    0    0    0 E
cert            0    7  yes  yes   0    7    0    0    0    0 E

[root@cream-31 ~]# qstat -Q
Queue           Max  Tot  Ena  Str  Que  Run  Hld  Wat  Trn  Ext T
-----
creamtest1      0    0  yes  yes   0    0    0    0    0    0 E
creamtest2      0    0  yes  yes   0    0    0    0    0    0 E
cert            0   10  yes  yes   2    8    0    0    0    0 E

[root@cream-31 ~]# qstat -Q
Queue           Max  Tot  Ena  Str  Que  Run  Hld  Wat  Trn  Ext T
-----
creamtest1      0    0  yes  yes   0    0    0    0    0    0 E
creamtest2      0    0  yes  yes   0    0    0    0    0    0 E
cert            0   15  yes  yes   7    8    0    0    0    0 E

[root@cream-31 ~]# qstat -Q
Queue           Max  Tot  Ena  Str  Que  Run  Hld  Wat  Trn  Ext T
-----
creamtest1      0    0  yes  yes   0    0    0    0    0    0 E
creamtest2      0    0  yes  yes   0    0    0    0    0    0 E
cert            0   17  yes  yes   9    8    0    0    0    0 E

[root@cream-31 ~]# qstat -Q
Queue           Max  Tot  Ena  Str  Que  Run  Hld  Wat  Trn  Ext T
-----
creamtest1      0    0  yes  yes   0    0    0    0    0    0 E
creamtest2      0    0  yes  yes   0    0    0    0    0    0 E
cert            0   20  yes  yes  12    8    0    0    0    0 E

[root@cream-31 ~]# qstat -Q
Queue           Max  Tot  Ena  Str  Que  Run  Hld  Wat  Trn  Ext T
-----
creamtest1      0    0  yes  yes   0    0    0    0    0    0 E
creamtest2      0    0  yes  yes   0    0    0    0    0    0 E
cert            0   20  yes  yes  12    8    0    0    0    0 E
```

During the submission from CE:

```
[root@cream-31 ~]# tail -f /var/log/bdii/bdii-update.log
```

Bug #CREAM-84 The DelegationPurger may cause a java.lang.OutOfMemoryError exception FIXED

From CE:

```
[root@cream-23 ~]# mysql -u root -p -v delegationcreamdb < duplicateDelegation.sql
Enter password:
-----
DROP PROCEDURE IF EXISTS duplicateDelegation
```

Bug #CREAM-99 Python error on ERT calculation: local variable 'est' referenced before assignment FIXED

EMI2CREAMTaskIGIRTC157SL6 < IGIRRelease < TWiki

```
-----  
-----  
CREATE PROCEDURE duplicateDelegation(delegationId VARCHAR(255), i INT)  
  BEGIN  
    DECLARE x INT;  
    DECLARE delegId VARCHAR(255);  
    DECLARE delegDN VARCHAR(255);  
    DECLARE delegFQAN VARCHAR(255);  
    DECLARE delegVO VARCHAR(50);  
    DECLARE delegLocalUser VARCHAR(100);  
    DECLARE delegLocalUserGroup VARCHAR(100);  
    DECLARE delegVomsAttribute text;  
    DECLARE delegCertificate text;  
    DECLARE delegInfo text;  
    DECLARE delegStartTime datetime;  
    DECLARE delegExpirationTime datetime;  
    DECLARE delegLastUpdateTime datetime;  
  
    SET x = 1;  
    select id, dn, fqan, vo, localUser, localUserGroup, vomsAttribute, certificate, info  
    from delegation where id = delegationId;  
  
    WHILE x <= i DO  
      insert into delegation (id, dn, fqan, vo, localUser, localUserGroup, vomsAttribute,  
        certificate, info)  
      values (delegId, delegDN, delegFQAN, delegVO, delegLocalUser, delegLocalUserGroup,  
        delegVomsAttribute, delegCertificate, delegInfo);  
      commit;  
      SET x = x + 1;  
    END WHILE;  
  
  END  
-----
```

From UI:

```
[traldi@cert-16 ~]$ glite-ce-delegate-proxy -e cream-23.pd.infn.it:8443 myproxyid  
Proxy with delegation id [myproxyid] succesfully delegated to endpoint [cream-23.pd.infn.it:8443]
```

From CE:

```
[root@cream-23 ~]# grep MaxFileSize /etc/glite-ce-cream-es/log4j.properties  
log4j.appender.fileout.MaxFileSize=15000KB
```

```
[root@cream-23 ~]# /etc/init.d/tomcat6 stop  
Stopping tomcat6: [ OK ]
```

```
[root@cream-23 ~]# mysql -u root -p  
Enter password:
```

```
mysql> use delegationcreamdb;  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
mysql> update delegation set expirationTime=now() where id="myproxyid";  
Query OK, 1 row affected (0.01 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> call duplicateDelegation("myproxyid", 10000);  
Query OK, 0 rows affected (13.17 sec)
```

```
mysql> quit  
Bye
```

```
[root@cream-23 ~]# /etc/init.d/tomcat6 start  
Starting tomcat6: [ OK ]
```

Bug #CREAM-84 The DelegationPurger may cause a java.lang.OutOfMemoryError exception FIXED

During the store procedure processing, and afeter 15 minutes: **From CE:**

```
[root@cream-23 ~]# tail -f /var/log/cream/glite-ce-cream.log | grep -i OutOfMemoryError
```

```
[root@cream-23 ~]# mysql -u root -p
Enter password:
```

```
mysql> use delegationcreambd;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

```
mysql> select id from delegation where id like "myproxyid%";
Empty set (0.00 sec)
```

Bug #CREAM-83 CREAM should be able to immediately kill also queued jobs, when the proxy is expiring FIXED

From CE:

```
[root@cream-31 ~]# grep DELEGATION_PURGE_RATE /etc/glite-ce-cream/cream-config.xml
<parameter name="DELEGATION_PURGE_RATE" value="3" />
```

From UI:

```
[traldis@cert-16 ~]$ glite-ce-delegate-proxy -e cream-31.pd.infn.it:8443 myproxyid
Proxy with delegation id [myproxyid] succesfully delegated to endpoint [cream-31.pd.infn.it:8443]
```

```
[traldis@cert-16 ~]$ glite-ce-job-submit -r cream-31.pd.infn.it:8443/cream-pbs-cert --delegation
https://cream-31.pd.infn.it:8443/CREAM094001163
```

```
[traldis@cert-16 ~]$ glite-ce-job-status https://cream-31.pd.infn.it:8443/CREAM094001163
```

```
***** JobID=[https://cream-31.pd.infn.it:8443/CREAM094001163]
Status = [REALLY-RUNNING]
```

From CE:

```
[root@cream-31 ~]# mysql -u root -p
Enter password:
```

```
mysql> use delegationcreambd;
Database changed
```

```
mysql> update delegation set expirationTime=now() where id="myproxyid";
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

From UI:

```
[traldis@cert-16 ~]$ glite-ce-job-status -L 1 https://cream-31.pd.infn.it:8443/CREAM094001163
```

```
***** JobID=[https://cream-31.pd.infn.it:8443/CREAM094001163]
Current Status = [CANCELLED]
ExitCode = []
Description = [job cancelled because the related delegation has expired]
Grid JobID = [N/A]
```

Bug #CREAM-83 CREAM should be able to immediately kill also queued jobs, when the proxy is expiring F

EMI2CREAMTaskIGIRTC157SL6 < IGIRRelease < TWiki

Job status changes:

```
-----  
Status      = [REGISTERED] - [Mon 29 Jul 2013 14:56:37] (1375102597)  
Status      = [PENDING] - [Mon 29 Jul 2013 14:56:38] (1375102598)  
Status      = [RUNNING] - [Mon 29 Jul 2013 14:56:41] (1375102601)  
Status      = [REALLY-RUNNING] - [Mon 29 Jul 2013 14:56:41] (1375102601)  
Status      = [CANCELLED] - [Mon 29 Jul 2013 14:59:25] (1375102765)
```

Issued Commands:

```
-----  
  
*** Command Name      = [JOB_REGISTER]  
    Command Category  = [JOB_MANAGEMENT]  
    Command Status    = [SUCCESSFULL]  
  
*** Command Name      = [JOB_START]  
    Command Category  = [JOB_MANAGEMENT]  
    Command Status    = [CREATED]  
  
*** Command Name      = [JOB_CANCEL]  
    Command Category  = [JOB_MANAGEMENT]  
    Command Status    = [SUCCESSFULL]
```

Bug #CREAM-82 Check permission for /var/cream_sandbox FIXED

From CE:

```
[root@cream-31 ~]# ll /var/ | grep cream_sandbox  
drwxrwxr-x  11 tomcat tomcat 4096 Jul 26 11:50 cream_sandbox  
[root@cream-31 ~]# ll /var/glite | grep cream_sandbox
```

Bug #CREAM-78 Check for /etc/lrms in config_cream_gip_scheduler_plugin FIXED NOT CERTIFIED

This is for SGE batch system (not tested)

Bug #CREAM-77 List index error from persistent estimator FIXED

From CE:

```
[root@cream-23 ~]# grep BDII_BREATHE_TIME /etc/bdii/bdii.conf  
BDII_BREATHE_TIME=120
```

From UI:

```
[traldis@cert-16 ~]$ cat sleepCream.jdl  
[  
Type = "Job";  
JobType = "Normal";  
Executable = "/bin/sleep";  
Arguments = " 200"  
]
```

```
[traldis@cert-16 ~]$ for i in `seq 1 20`; do echo $i; glite-ce-job-submit -r cream-23.pd.infn.it:8  
1  
https://cream-23.pd.infn.it:8443/CREAM983550586  
2  
https://cream-23.pd.infn.it:8443/CREAM168914310  
3  
https://cream-23.pd.infn.it:8443/CREAM629605700  
4  
https://cream-23.pd.infn.it:8443/CREAM431102253
```

Bug #CREAM-82 Check permission for /var/cream_sandbox FIXED

EMI2CREAMTaskIGIRTC157SL6 < IGIRRelease < TWiki

5
https://cream-23.pd.infn.it:8443/CREAM849792588
6
https://cream-23.pd.infn.it:8443/CREAM309202363
7
https://cream-23.pd.infn.it:8443/CREAM321394682
8
https://cream-23.pd.infn.it:8443/CREAM758400962
9
https://cream-23.pd.infn.it:8443/CREAM420359157
10
https://cream-23.pd.infn.it:8443/CREAM555130273
11
https://cream-23.pd.infn.it:8443/CREAM838679742
12
https://cream-23.pd.infn.it:8443/CREAM109051474
13
https://cream-23.pd.infn.it:8443/CREAM544000374
14
https://cream-23.pd.infn.it:8443/CREAM384173928
15
https://cream-23.pd.infn.it:8443/CREAM994402978
16
https://cream-23.pd.infn.it:8443/CREAM899068369
17
https://cream-23.pd.infn.it:8443/CREAM920762523
18
https://cream-23.pd.infn.it:8443/CREAM575519379
19
https://cream-23.pd.infn.it:8443/CREAM452838919
20
https://cream-23.pd.infn.it:8443/CREAM300001126

During submission and after 10 minutes: **From CE:**

```
[root@cream-23 ~]# tail -f /var/log/bdii/bdii-update.log
```

Bug #CREAM-75 CREAM should avoid to log the error messages by including even the full stack trace (i.e printStackTrace()) FIXED

From UI:

```
[tralaldi@cert-16 ~]$ glite-ce-job-submit -a -r cream-27.pd.infn.it/cream-lsf-creamtest1 --leaseId 2013-07-30 11:31:43,902 ERROR - Error while processing file [jdl]: Syntax error. Will not submit [tralaldi@cert-16 ~]$ glite-ce-job-submit -a -r cream-23.pd.infn.it/cream-lsf-cert --leaseId mylease 2013-07-30 11:32:10,243 WARN - ERROR submitting JDL [sleepCream.jdl]: MethodName=[jobRegister] Ti
```

From CE:

```
[root@cream-23 ~]# tail -f /var/log/cream/glite-ce-cream.log
```

```
30 Jul 2013 11:32:08,957 INFO org.glite.ce.commonj.authz.gjaf.VomsServicePDP - VOMS attribute aut
30 Jul 2013 11:32:08,958 INFO org.glite.ce.commonj.authz.axis2.AuthorizationHandler - request for
30 Jul 2013 11:32:09,777 INFO org.glite.ce.commonj.authz.gjaf.VomsServicePDP - VOMS attribute aut
30 Jul 2013 11:32:09,777 INFO org.glite.ce.commonj.authz.axis2.AuthorizationHandler - request for
30 Jul 2013 11:32:09,778 INFO org.glite.ce.cream.ws.delegation.CREAMDelegationService - BEGIN put
30 Jul 2013 11:32:10,013 INFO org.glite.ce.cream.delegationmanagement.cmdexecutor.DelegationExecu
30 Jul 2013 11:32:10,030 INFO org.glite.ce.cream.ws.delegation.CREAMDelegationService - END putPr
30 Jul 2013 11:32:10,052 INFO org.glite.ce.creamapi.cmdmanagement.queue.CommandQueue - [queue=com
30 Jul 2013 11:32:10,232 INFO org.glite.ce.commonj.authz.gjaf.VomsServicePDP - VOMS attribute aut
30 Jul 2013 11:32:10,233 INFO org.glite.ce.commonj.authz.axis2.AuthorizationHandler - request for
30 Jul 2013 11:32:10,236 INFO org.glite.ce.cream.cmdmanagement.CommandManager - new command [NAME
30 Jul 2013 11:32:10,239 ERROR org.glite.ce.creamapi.jobmanagement.cmdexecutor.AbstractJobExecuto
30 Jul 2013 11:32:10,239 ERROR org.glite.ce.cream.cmdmanagement.CommandManager - CommandManager e
```

Bug #CREAM-77 List index error from persistent estimator FIXED

12

30 Jul 2013 11:32:10,239 INFO org.glite.ce.cream.cmdmanagement.CommandManager - status change for
30 Jul 2013 11:32:10,239 ERROR org.glite.ce.cream.ws.CREAM2Service - lease id "mylease" not found
30 Jul 2013 11:32:10,308 INFO org.glite.ce.commonj.authz.gjaf.VomsServicePDP - VOMS attribute aut
30 Jul 2013 11:32:10,308 INFO org.glite.ce.commonj.authz.axis2.AuthorizationHandler - request for

Standard conformance tests

Glue 1 Compliance - PASSED

```
[traldi@cert-16 ~]$ glue-validator -H cream-31.pd.infn.it -p 2170 -b o=grid -g glue1
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying that attributes are not empty. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
```

Bug #CREAM-75 CREAM should avoid to log the error messages by including even the full stack trace (i.e. p

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:
W037 Description: Wrong type
W037 Affected DN: GLUE2ShareID=creamtest1_dteam_cream-31.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-31.pd.infn.it_ComputingElement
W037 Affected attribute: GLUE2ComputingShareServingState
W037 Published value: ['testjral']
W037 Additional information: Expected type is ServingState_t
WARNING END

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:
W037 Description: Wrong type
W037 Affected DN: GLUE2ShareID=cert_dteam_cream-31.pd.infn.it_ComputingElement, GLUE2ServiceID=cream-31.pd.infn.it_ComputingElement
W037 Affected attribute: GLUE2ComputingShareServingState
W037 Published value: ['testjral']
W037 Additional information: Expected type is ServingState_t
WARNING END

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:
W037 Description: Wrong type
W037 Affected DN: GLUE2EndpointID=cream-31.pd.infn.it_ComputingElement_org.glite.ce.ApplicationPublisher, GLUE2ServiceID=cream-31.pd.infn.it_ComputingElement
W037 Affected attribute: GLUE2EndpointInterfaceName
W037 Published value: ['org.glite.ce.ApplicationPublisher']
W037 Additional information: Expected type is InterfaceName_t
WARNING END

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:
W037 Description: Wrong type
W037 Affected DN: GLUE2ResourceID=cream-31.pd.infn.it, GLUE2ServiceID=cream-31.pd.infn.it_ComputingElement
W037 Affected attribute: GLUE2ExecutionEnvironmentPlatform
W037 Published value: ['x86_64']
W037 Additional information: Expected type is Platform_t
WARNING END

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:

EMI2CREAMTaskIGIRTC157SL6 < IGIRRelease < TWiki

W037 Description: Wrong type
W037 Affected DN: GLUE2ShareID=cert_testers.eu-emi.eu_cream-31.pd.infn.it_ComputingElement, GLUE2S
W037 Affected attribute: GLUE2ComputingShareServingState
W037 Published value: ['testjral']
W037 Additional information: Expected type is ServingState_t
WARNING END

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:
W037 Description: Wrong type
W037 Affected DN: GLUE2ShareID=creamtest2_infngrid_cream-31.pd.infn.it_ComputingElement, GLUE2Serv
W037 Affected attribute: GLUE2ComputingShareServingState
W037 Published value: ['testjral']
W037 Additional information: Expected type is ServingState_t
WARNING END

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:
W037 Description: Wrong type
W037 Affected DN: GLUE2ShareID=creamtest2_dteam_cream-31.pd.infn.it_ComputingElement, GLUE2Service
W037 Affected attribute: GLUE2ComputingShareServingState
W037 Published value: ['testjral']
W037 Additional information: Expected type is ServingState_t
WARNING END

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:
W037 Description: Wrong type
W037 Affected DN: GLUE2ShareID=creamtest1_infngrid_cream-31.pd.infn.it_ComputingElement, GLUE2Serv
W037 Affected attribute: GLUE2ComputingShareServingState
W037 Published value: ['testjral']
W037 Additional information: Expected type is ServingState_t
WARNING END

=====
FAIL: Validating data types.

Traceback (most recent call last):
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
self.assertTrue(status, message)
AssertionError: WARNING START:
W037 Description: Wrong type
W037 Affected DN: GLUE2ShareID=creamtest1_testers.eu-emi.eu_cream-31.pd.infn.it_ComputingElement,
W037 Affected attribute: GLUE2ComputingShareServingState
W037 Published value: ['testjral']
W037 Additional information: Expected type is ServingState_t
WARNING END

=====

FAIL: Validating data types.

Traceback (most recent call last):

```
File "/usr/lib/python2.6/site-packages/validator/EntryTest.py", line 92, in test_data_types
    self.assertTrue(status, message)
```

AssertionError: WARNING START:

W037 Description: Wrong type

W037 Affected DN: GLUE2ShareID=creamtest2_testers.eu-emi.eu_cream-31.pd.infn.it_ComputingElement,

W037 Affected attribute: GLUE2ComputingShareServingState

W037 Published value: ['testjral']

W037 Additional information: Expected type is ServingState_t

WARNING END

Ran 160 tests in 0.024s

FAILED (failures=10)

Performance and scalability tests

Integration testing

-- SergioTraldi - 2013-07-29

This topic: IGIRRelease > EMI2CREAMTaskIGIRTC157SL6

Topic revision: r7 - 2013-08-01 - SergioTraldi



Copyright © 2008-2020 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback