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Certification report patch 4736

Author(s): Alessio Gianelle

Outcome: **CERTIFIED**

Information

Patch 4736	https://savannah.cern.ch/patch/index.php?4736
Build reports	http://etics-repository.cern.ch/repository/reports/id/699dfbf0-ce1a-4dcb-8880-3537b2e48be2/slc4_ia32_gc
Repository	http://etics-repository.cern.ch/repository/pm/registered/repomd/name/4736

Clean installation

- Starting from an sl4 we install the WMS:
 - ◆ `wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.1/lcg-CA.repo -O /etc/yum.repos.d/lcg-CA.repo`
 - ◆ `yum install lcg-CA`
 - ◆ `wget http://etics-repository.cern.ch/repository/pm/registered/repomd/id/699dfbf0-ce1a-4dcb-8880-3537b2e48be2 -O /etc/yum.repos.d/glite-WMS.repo`
 - ◆ `yum install glite-WMS`
 - ◆ `/opt/glite/yaim/bin/yaim -c -s site-info.def -n WMS`

Upgrade from production

- Starting from a Production WMS we update it.
 - ◆ `yum update`
 - ◆ `/opt/glite/yaim/bin/yaim -c -s site-info.def -n WMS`

Test Report

The test report has been produced following the guidelines from here

List Match

```
====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test glite-wms-job-list-match command.
====> ++++++
====> >>> Check if command glite-wms-job-list-match exists
====> >>>
====> >>> Test --version option
====> >>> Test success
====> >>>
====> >>> Test --endpoint option
====> >>> Test success
====> >>>
====> >>> Test --output option
====> >>> Test success
====> >>>
====> >>> Test --logfile option
====> >>> Test success
```

```
====> >>>
====> >>> Test all options together
====> >>> Test success
====> >>>
====> >>> Test --rank option
====> >>> Test success
====> >>>
====> >>> Try a failure matching (Requirements == false)
====> >>> Test success
====> >>>
====> >>> Match only Cream's CE
====> >>> Test success
====> >>>
====> >>> Use a previously delegated proxy
====> >>> Test success
====>
====> Test: WMS-command_job-list-match
====> WMS: cream-44.pd.infn.it
====> Started: 10:38:54
====> Ended  : 10:39:47
====>
====>      === test PASSED ===
```

Submission

Normal Jobs

```
====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test glite-wms-job-submit command
====> ++++++
====> >>> Check if command glite-wms-job-submit exists
====> >>>
====> >>> Test --version option
====> >>> Test success
====> >>>
====> >>> Test --endpoint option
====> >>> Test success
====> >>>
====> >>> Test --output option
====> >>> Test success
====> >>>
====> >>> Test --logfile option
====> >>> Test success
====> >>>
====> >>> Test --nomsg option
====> >>> Test success
====> >>>
====> >>> Test all options together
====> >>> Test success
====> >>>
====> >>> Test --input option
====> >>> Test success
====> >>>
====> >>> Test --resource option
====> >>> Test success
====> >>>
====> >>> Test --register-only option
====> >>> Test success
====> >>>
====> >>> Test --transfer-files --proto option
====> >>> Test success
====> >>>
====> >>> Test --start option
====> >>> Test success
```

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```
====> >>>
====> >>> Test --valid option
====> >>> Test success
====> >>>
====> >>> Test --to option
====> >>> Test success
====> >>>
====> >>> Test --default-jdl option
====> >>> Test success
====>
====> Test: WMS-command_job-submit
====> WMS: cream-44.pd.infn.it
====> Started: 11:41:10
====> Ended   : 12:08:15
====>
====>      === test PASSED ===

====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test submission cycle
====> ++++++
====> >>>
====> >>> Submit a normal job to an LCG-CE
====> >>> Test success
====> >>>
====> >>> Submit a normal job to a CREAM CE
====> >>> Test success
====>
====> Test: WMS-job-cycle
====> WMS: cream-44.pd.infn.it
====> Started: 13:30:01
====> Ended   : 14:02:06
====>
====>      === test PASSED ===
```

DAG jobs

```
[ale@cream-03 UI]$ glite-wms-job-submit -a -c etc/wmp_cream-44.conf jdl/dag1-2.jdl
Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server
```

```
===== glite-wms-job-submit Success =====
```

```
The job has been successfully submitted to the WMPProxy
Your job identifier is:
```

```
https://devel07.cnaf.infn.it:9000/efHKOJqQ-f1-ziPGOtRfgA
```

```
=====
```

```
[ale@cream-03 UI]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/efHKOJqQ-f1-ziPGOtRfgA
```

```
===== glite-wms-job-status Success =====
```

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/efHKOJqQ-f1-ziPGOtRfgA
Current Status:      Done (Success)
Exit code:           0
Status Reason:      Job terminated successfully
Destination:        dagman
Submitted:           Tue Mar 22 11:00:51 2011 CET
```

```
=====
```

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- Nodes information for:

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/1aZpxAzS_stcxQJ85TpyYw
Current Status:      Done (Success)
Logged Reason(s):
```

```
-
- Job terminated successfully
Exit code:          0
Status Reason:     Job terminated successfully
Destination:       atlasce01.na.infn.it:2119/jobmanager-lcgpbs-cert
Submitted:         Tue Mar 22 11:00:51 2011 CET
```

```
=====  
Status info for the Job : https://devel07.cnaf.infn.it:9000/8NMN4IrppnmacQ0fiLA5Og
Current Status:      Done (Success)
Logged Reason(s):
```

```
-
- Job terminated successfully
Exit code:          0
Status Reason:     Job terminated successfully
Destination:       atlasce01.na.infn.it:2119/jobmanager-lcgpbs-cert
Submitted:         Tue Mar 22 11:00:51 2011 CET
```

```
=====  
Status info for the Job : https://devel07.cnaf.infn.it:9000/b1xahbVUwbdclc6Ebb85HA
Current Status:      Done (Success)
Exit code:          0
Status Reason:     Job terminated successfully
Destination:       atlas-ce-02.roma1.infn.it:2119/jobmanager-lcglsf-atlasgcert
Submitted:         Tue Mar 22 11:00:51 2011 CET
```

```
=====  
[ale@cream-03 UI]$ glite-wms-job-output https://devel07.cnaf.infn.it:9000/efHKOJqQ-fl-ziPGOtRfgA
```

```
Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server
```

```
=====  
JOB GET OUTPUT OUTCOME
```

```
Output sandbox files for the DAG/Collection :
https://devel07.cnaf.infn.it:9000/efHKOJqQ-fl-ziPGOtRfgA
have been successfully retrieved and stored in the directory:
/tmp/ale_efHKOJqQ-fl-ziPGOtRfgA
```

```
=====  
[ale@cream-03 UI]$ ls -l /tmp/ale_efHKOJqQ-fl-ziPGOtRfgA/*  
-rw-rw-r-- 1 ale ale 503 Mar 22 13:13 /tmp/ale_efHKOJqQ-fl-ziPGOtRfgA/ids_nodes.map
```

```
/tmp/ale_efHKOJqQ-fl-ziPGOtRfgA/nodeA:  
total 50300  
-rw-rw-r-- 1 ale ale 51445760 Mar 22 13:13 bigfile  
-rw-rw-r-- 1 ale ale 668 Mar 22 13:13 ls.out
```

```
/tmp/ale_efHKOJqQ-fl-ziPGOtRfgA/nodeB:  
total 4  
-rw-rw-r-- 1 ale ale 0 Mar 22 13:13 echo.err  
-rw-rw-r-- 1 ale ale 11 Mar 22 13:13 echo.out
```

```
/tmp/ale_efHKOJqQ-fl-ziPGOtRfgA/nodeC:  
total 4  
-rw-rw-r-- 1 ale ale 0 Mar 22 13:13 arg.err  
-rw-rw-r-- 1 ale ale 59 Mar 22 13:13 arg.out
```

```
[ale@cream-03 UI]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/efHKOJqQ-fl-ziPGOt
```

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```
===== glite-wms-job-status Success =====
BOOKKEEPING INFORMATION:

Status info for the Job : https://devel07.cnaf.infn.it:9000/efHKOJqQ-fl-ziPGOtRfgA
Current Status:      Cleared
- Nodes information for:
  Status info for the Job : https://devel07.cnaf.infn.it:9000/1aZpxAzS_stcxQJ85TpyYw
  Current Status:     Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/8NMN4IrppnmacQ0fiLA5Og
  Current Status:     Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/b1xahbVUwbdclc6Ebb85HA
  Current Status:     Done (Success)
=====
```

Collection jobs

```
[ale@cream-03 UI]$ glite-wms-job-submit -a -c etc/wmp_cream-44.conf --collection TestCollection
Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server
```

```
===== glite-wms-job-submit Success =====
```

```
The job has been successfully submitted to the WMPProxy
Your job identifier is:
```

```
https://devel07.cnaf.infn.it:9000/2eWxVlX_Vy6gTRF-DRVLTQ
```

```
[ale@cream-03 UI]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/2eWxVlX_Vy6gTRF-DRVLTQ
```

```
===== glite-wms-job-status Success =====
```

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/2eWxVlX_Vy6gTRF-DRVLTQ
Current Status:      Done (Success)
Exit code:           0
Submitted:           Tue Mar 22 10:01:55 2011 CET
=====
```

```
- Nodes information for:
  Status info for the Job : https://devel07.cnaf.infn.it:9000/4Oyj206_nIHZ1HziSlzBVQ
  Current Status:     Done (Success)
  Logged Reason(s):
    - job completed
    - Job Terminated Successfully
  Exit code:          0
  Status Reason:     Job Terminated Successfully
  Destination:       ce206.cern.ch:8443/cream-lsf-grid_2nh_dteam
  Submitted:         Tue Mar 22 10:01:55 2011 CET
=====
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/LoS0UoBbQ7a_XmHRoGFZUQ
Current Status:      Done (Success)
Logged Reason(s):
  - job completed
  - Job Terminated Successfully
Exit code:           0
Status Reason:     Job Terminated Successfully
```

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Destination: gridce3.pi.infn.it:8443/cream-lsf-certmpi
Submitted: Tue Mar 22 10:01:55 2011 CET

=====
Status info for the Job : https://devel07.cnaf.infn.it:9000/Scj_uBFOPtScZY78xqNlyQ
Current Status: Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code: 0
Status Reason: Job Terminated Successfully
Destination: ce-02.roma3.infn.it:8443/cream-pbs-cert
Submitted: Tue Mar 22 10:01:55 2011 CET

=====
Status info for the Job : <https://devel07.cnaf.infn.it:9000/WRRXBBXsY86z0iFWP4usdw>
Current Status: Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code: 0
Status Reason: Job Terminated Successfully
Destination: cert-ce-01.cnaf.infn.it:8443/cream-pbs-cert
Submitted: Tue Mar 22 10:01:55 2011 CET

=====
Status info for the Job : <https://devel07.cnaf.infn.it:9000/qwMs6HGQO8VtPo8Gdf4Ahg>
Current Status: Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code: 0
Status Reason: Job Terminated Successfully
Destination: ce-cr-02.ts.infn.it:8443/cream-lsf-cert
Submitted: Tue Mar 22 10:01:55 2011 CET

=====
Status info for the Job : <https://devel07.cnaf.infn.it:9000/srwtVfZ8RVAZw1pY2dZA2w>
Current Status: Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code: 0
Status Reason: Job Terminated Successfully
Destination: ce-1.le.infn.it:8443/cream-lsf-cert
Submitted: Tue Mar 22 10:01:55 2011 CET

=====
Status info for the Job : <https://devel07.cnaf.infn.it:9000/zBBG2z-1EcCxGZSg8y6O3A>
Current Status: Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code: 0
Status Reason: Job Terminated Successfully
Destination: devel03.cnaf.infn.it:8443/cream-pbs-creamtest1
Submitted: Tue Mar 22 10:01:55 2011 CET

=====
[ale@cream-03 UI]\$ glite-wms-job-output https://devel07.cnaf.infn.it:9000/2eWxVlX_Vy6gTRF-DRVLTQ

Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server

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JOB GET OUTPUT OUTCOME

Output sandbox files for the DAG/Collection :
https://devel07.cnaf.infn.it:9000/2eWxVlX_Vy6gTRF-DRVLTQ
have been successfully retrieved and stored in the directory:
/tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ

```
=====  
[ale@cream-03 UI]$ ls -l /tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ  
total 32  
-rw-rw-r-- 1 ale ale 1163 Mar 22 10:43 ids_nodes.map  
drwxr-xr-x 2 ale ale 4096 Mar 22 10:43 Node_jdl_0  
drwxr-xr-x 2 ale ale 4096 Mar 22 10:43 Node_jdl_12  
drwxr-xr-x 2 ale ale 4096 Mar 22 10:43 Node_jdl_16  
drwxr-xr-x 2 ale ale 4096 Mar 22 10:43 Node_jdl_2  
drwxr-xr-x 2 ale ale 4096 Mar 22 10:43 Node_jdl_23  
drwxr-xr-x 2 ale ale 4096 Mar 22 10:43 Node_jdl_27  
drwxr-xr-x 2 ale ale 4096 Mar 22 10:43 Node_jdl_30
```

```
[ale@cream-03 UI]$ ls -l /tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/*  
-rw-rw-r-- 1 ale ale 1163 Mar 22 10:43 /tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/ids_nodes.map
```

```
/tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/Node_jdl_0:  
total 0  
-rw-rw-r-- 1 ale ale 0 Mar 22 10:43 pippo
```

```
/tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/Node_jdl_12:  
total 0  
-rw-rw-r-- 1 ale ale 0 Mar 22 10:43 pippo
```

```
/tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/Node_jdl_16:  
total 0  
-rw-rw-r-- 1 ale ale 0 Mar 22 10:43 pippo
```

```
/tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/Node_jdl_2:  
total 0  
-rw-rw-r-- 1 ale ale 0 Mar 22 10:43 pippo
```

```
/tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/Node_jdl_23:  
total 0  
-rw-rw-r-- 1 ale ale 0 Mar 22 10:43 pippo
```

```
/tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/Node_jdl_27:  
total 0  
-rw-rw-r-- 1 ale ale 0 Mar 22 10:43 pippo
```

```
/tmp/ale_2eWxVlX_Vy6gTRF-DRVLTQ/Node_jdl_30:  
total 0  
-rw-rw-r-- 1 ale ale 0 Mar 22 10:43 pippo
```

```
[ale@cream-03 UI]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/2eWxVlX_Vy6gTRF-DRVLTQ
```

```
=====  
glite-wms-job-status Success  
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/2eWxVlX_Vy6gTRF-DRVLTQ  
Current Status: Cleared
```

```
- Nodes information for:
```

```
  Status info for the Job : https://devel07.cnaf.infn.it:9000/40yj206_nIHZ1HziS1zBVQ  
  Current Status: Done (Success)
```

```
  Status info for the Job : https://devel07.cnaf.infn.it:9000/LoS0UoBbQ7a_XmHRoGFZUQ  
  Current Status: Done (Success)
```

```
  Status info for the Job : https://devel07.cnaf.infn.it:9000/Scj_uBFOPtScZY78xqNlyQ  
  Current Status: Done (Success)
```

```
  Status info for the Job : https://devel07.cnaf.infn.it:9000/WRRXBBSY86z0iFWP4usdw
```


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```
Current Status:      Done (Success)
Status info for the Job : https://devel07.cnaf.infn.it:9000/qwMs6HGOQ8VtPo8Gdf4Ahg
Current Status:      Done (Success)
Status info for the Job : https://devel07.cnaf.infn.it:9000/srwtVfZ8RVAZwlpY2dZA2w
Current Status:      Done (Success)
Status info for the Job : https://devel07.cnaf.infn.it:9000/zBBG2z-1EcCxGZSg8y6O3A
Current Status:      Done (Success)
```

Parametric jobs

```
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test parametric jobs
====> + TestSuite of the gLite-WMS command line interface
====> >>>
====> >>> TEST 01: Test integer version of Parameters
====> >>> Test success!
====> >>>
====> >>> TEST 02: Test integer version of Parameters changing 'start' and 'step' values
====> >>> Test success!
====> >>>
====> >>> TEST 03: Test list version of Parameters
====> >>> Test success!
====> >>>
====> >>> TEST 04: Test submission and check the output
====> >>> Test success!
====> >>>
====> >>> TEST 05: Test submission using a list as parameters
====> >>> Test success!
====>
====> Test: WMS-job-parametric
====> WMS: cream-44.pd.infn.it
====> Started: 16:11:33
====> Ended  : 16:16:24
====>
====>      === test PASSED ===
```

Perusal jobs

```
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test glite-wms-job-perusal command.
====> + TestSuite of the gLite-WMS command line interface
====> >>> Check if command glite-wms-job-perusal exists
====> >>>
====> >>> Test --version option
====> >>> Test success
====> >>>
====> >>> Test --set option
====> >>> Test success
====> >>>
====> >>> BEWARE default min perusal interval is 1000 secs, so this phase could take many minutes
====> >>> Test --get option
====> >>> Test success
====> >>> Test --get option with --dir
====> >>> Test success
====> >>> Test --get option with --nodisplay and --all
====> >>> Test success
====>
====> Test: WMS-command_job-perusal
====> WMS: cream-44.pd.infn.it
====> Started: 16:17:47
====> Ended  : 16:45:30
====>
====>      === test PASSED ===
```

Cancel

Normal Jobs

```

====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test command glite-wms-job-cancel
====> ++++++
====> >>> Check if command glite-wms-job-cancel exists
====> >>>
====> >>> Test --version option
====> >>> Test success
====> >>>
====> >>> Test --config option
====> >>> Test success
====> >>>
====> >>> Test --output option
====> >>> Test success
====> >>>
====> >>> Test --logfile option
====> >>> WARNING: job (https://devel07.cnaf.infn.it:9000/_wF8pJsDktUJmngYX8oOhA) finished (Clear
====> >>> Test success
====> >>>
====> >>> Test --input option
====> >>> Test success
====> >>>
====> >>> Test all options together
====> >>> Test success
====> >>>
====> >>> Try to cancel a DoneOk job
====> >>> Test success
====>
====> Test: WMS-command_job-cancel
====> WMS: cream-44.pd.infn.it
====> Started: 09:11:37
====> Ended  : 09:18:45
====>
====>      === test PASSED ===

```

Collection Jobs

Cancel the collection:

```

[ale@cream-03 UI]$ glite-wms-job-submit -a -c etc/wmp_cream-44.conf --collection jdl/collection/
Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server

===== glite-wms-job-submit Success =====

The job has been successfully submitted to the WMPProxy
Your job identifier is:

https://devel07.cnaf.infn.it:9000/7Y_QloFL-tmBdqPyVapryA

=====

[ale@cream-03 UI]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/7Y_QloFL-tmBdqPyVapryA

===== glite-wms-job-status Success =====
BOOKKEEPING INFORMATION:

Status info for the Job : https://devel07.cnaf.infn.it:9000/7Y_QloFL-tmBdqPyVapryA
Current Status:      Waiting

```

Cancel

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Submitted: Tue Mar 22 10:47:14 2011 CET

```
=====
- Nodes information for:
  Status info for the Job : https://devel07.cnaf.infn.it:9000/P-9rwlz06OWqM5ixhxbN4w
  Current Status:      Ready
  Destination:        ce02-lhcb-t2.cr.cnaf.infn.it:8443/cream-lsf-cert_t2
  Submitted:         Tue Mar 22 10:47:14 2011 CET
=====
```

```
[ale@cream-03 UI]$ glite-wms-job-cancel https://devel07.cnaf.infn.it:9000/7Y_QloFL-tmBdqPyVapryA
```

```
Are you sure you want to remove specified job(s) [y/n]y : y
```

```
Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server
```

```
===== glite-wms-job-cancel Success =====
```

```
The cancellation request has been successfully submitted for the following job(s):
```

```
- https://devel07.cnaf.infn.it:9000/7Y_QloFL-tmBdqPyVapryA
```

```
[ale@cream-03 UI]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/7Y_QloFL-tmBdqPyVapryA
```

```
===== glite-wms-job-status Success =====
```

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/7Y_QloFL-tmBdqPyVapryA
Current Status:      Cleared
Submitted:         Tue Mar 22 10:47:14 2011 CET
=====
```

```
- Nodes information for:
  Status info for the Job : https://devel07.cnaf.infn.it:9000/P-9rwlz06OWqM5ixhxbN4w
  Current Status:      Cancelled
  Destination:        ce02-lhcb-t2.cr.cnaf.infn.it:8443/cream-lsf-cert_t2
  Submitted:         Tue Mar 22 10:47:14 2011 CET
=====
```

Cancel a node:

```
[ale@cream-03 UI]$ glite-wms-job-submit -a -c etc/wmp_cream-44.conf --collection TestCollection/
```

```
Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server
```

```
===== glite-wms-job-submit Success =====
```

```
The job has been successfully submitted to the WMPProxy
Your job identifier is:
```

```
https://devel07.cnaf.infn.it:9000/YhWbgmL1wO4fHBM81n8SdA
```

```
[ale@cream-03 UI]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/YhWbgmL1wO4fHBM81n8SdA
```

```
===== glite-wms-job-status Success =====
```

```
BOOKKEEPING INFORMATION:
```

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Status info for the Job : <https://devel07.cnaf.infn.it:9000/YhWbgmL1wO4fHBM81n8SdA>
Current Status: Waiting
Submitted: Tue Mar 22 10:50:26 2011 CET

=====
- Nodes information for:

Status info for the Job : <https://devel07.cnaf.infn.it:9000/01NYYJTPsrcC3dbgfAxIQg>
Current Status: Waiting
Destination: cream-31.pd.infn.it:8443/cream-pbs-creamtest1
Submitted: Tue Mar 22 10:50:26 2011 CET

=====
Status info for the Job : <https://devel07.cnaf.infn.it:9000/21oBsnY-FRHbRC3o91rJXg>
Current Status: Submitted
Submitted: Tue Mar 22 10:50:26 2011 CET

=====
Status info for the Job : <https://devel07.cnaf.infn.it:9000/3FwgDQ13FvrNXdmqxbAIaQ>
Current Status: Ready
Destination: prod-ce-01.pd.infn.it:8443/cream-lsf-cert
Submitted: Tue Mar 22 10:50:26 2011 CET

=====
Status info for the Job : <https://devel07.cnaf.infn.it:9000/ALch7dEnJ8mJXY8dTl70bQ>
Current Status: Submitted
Submitted: Tue Mar 22 10:50:26 2011 CET

=====
Status info for the Job : https://devel07.cnaf.infn.it:9000/MeiwA8yT0yRoaux_gwgyzQ
Current Status: Submitted
Submitted: Tue Mar 22 10:50:26 2011 CET

=====
Status info for the Job : https://devel07.cnaf.infn.it:9000/a7Nx_-IdihhmrBywhwJs5g
Current Status: Submitted
Submitted: Tue Mar 22 10:50:26 2011 CET

=====
Status info for the Job : <https://devel07.cnaf.infn.it:9000/uTpEDyNYowRxucifWvmKFA>
Current Status: Ready
Destination: cream-32.pd.infn.it:8443/cream-pbs-creamtest2
Submitted: Tue Mar 22 10:50:26 2011 CET

[ale@cream-03 UI]\$ glite-wms-job-cancel https://devel07.cnaf.infn.it:9000/MeiwA8yT0yRoaux_gwgyzQ

Are you sure you want to remove specified job(s) [y/n]y : y

Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server

=====
glite-wms-job-cancel Success

The cancellation request has been successfully submitted for the following job(s):

- https://devel07.cnaf.infn.it:9000/MeiwA8yT0yRoaux_gwgyzQ

[ale@cream-03 UI]\$ glite-wms-job-cancel <https://devel07.cnaf.infn.it:9000/uTpEDyNYowRxucifWvmKFA>

Are you sure you want to remove specified job(s) [y/n]y : y

Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server

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===== glite-wms-job-cancel Success =====

The cancellation request has been successfully submitted for the following job(s):

- https://devel07.cnaf.infn.it:9000/uTpEDyNYowRxucifWvmKFA

```
[ale@cream-03 UI]$ glite-wms-job-cancel https://devel07.cnaf.infn.it:9000/01NYYJTPsrcC3dbgfAxIQg
```

Are you sure you want to remove specified job(s) [y/n]y : y

Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server

===== glite-wms-job-cancel Success =====

The cancellation request has been successfully submitted for the following job(s):

- https://devel07.cnaf.infn.it:9000/01NYYJTPsrcC3dbgfAxIQg

```
[ale@cream-03 UI]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/YhWbgmL1wO4fHBM81n8SdA
```

===== glite-wms-job-status Success =====

BOOKKEEPING INFORMATION:

Status info for the Job : https://devel07.cnaf.infn.it:9000/YhWbgmL1wO4fHBM81n8SdA

Current Status: Running

Submitted: Tue Mar 22 10:50:26 2011 CET

- Nodes information for:

Status info for the Job : https://devel07.cnaf.infn.it:9000/01NYYJTPsrcC3dbgfAxIQg

Current Status: Cancelled

Logged Reason(s):

- Cancelled by user

Status Reason: Cancelled by user

Destination: cream-31.pd.infn.it:8443/cream-pbs-creamtest1

Submitted: Tue Mar 22 10:50:26 2011 CET

Status info for the Job : https://devel07.cnaf.infn.it:9000/21oBsnY-FRHbRC3o91rJXg

Current Status: Scheduled

Status Reason: unavailable

Destination: ce204.cern.ch:8443/cream-lsf-grid_2nh_dteam

Submitted: Tue Mar 22 10:50:26 2011 CET

Status info for the Job : https://devel07.cnaf.infn.it:9000/3FwgDQl3FvrNXdmqxbAIaQ

Current Status: Done (Success)

Logged Reason(s):

- job completed

- Job Terminated Successfully

Exit code: 0

Status Reason: Job Terminated Successfully

Destination: prod-ce-01.pd.infn.it:8443/cream-lsf-cert

Submitted: Tue Mar 22 10:50:26 2011 CET

Status info for the Job : https://devel07.cnaf.infn.it:9000/ALch7dEnJ8mJXY8dTl70bQ

Current Status: Running

Status Reason: unavailable

Destination: ce-cream.mi.infn.it:8443/cream-pbs-cert

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Submitted: Tue Mar 22 10:50:26 2011 CET

```
=====
Status info for the Job : https://devel07.cnaf.infn.it:9000/MeiwA8yT0yRoaux_gwgyzQ
Current Status: Cleared
Status Reason: user retrieved output sandbox
Destination: atlasce-cream.na.infn.it:8443/cream-pbs-cert
Submitted: Tue Mar 22 10:50:26 2011 CET
=====
```

```
=====
Status info for the Job : https://devel07.cnaf.infn.it:9000/a7Nx_-IdihmrBywhwJs5g
Current Status: Done (Success)
Logged Reason(s):
  - job completed
  - Job Terminated Successfully
Exit code: 0
Status Reason: Job Terminated Successfully
Destination: prod-ce-01.pd.infn.it:8443/cream-lsf-cert
Submitted: Tue Mar 22 10:50:26 2011 CET
=====
```

```
=====
Status info for the Job : https://devel07.cnaf.infn.it:9000/uTpEDyNYowRxucifWvmKFA
Current Status: Cancelled
Logged Reason(s):
  - Cancelled by user
Status Reason: Cancelled by user
Destination: cream-32.pd.infn.it:8443/cream-pbs-creamtest2
Submitted: Tue Mar 22 10:50:26 2011 CET
=====
```

Others

Delegation

```
====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test glite-wms-job-delegate-proxy command
====> ++++++
====> >>> Check if command glite-wms-job-delegate-proxy exists
====> >>>
====> >>> Test --version option
====> >>> Test success
====> >>>
====> >>> Test option --autm-delegation
====> >>> Test success
====> >>>
====> >>> Test option -d
====> >>> Test success
====> >>>
====> >>> Test option --logfile
====> >>> Test success
====> >>>
====> >>> Test option --endpoint
====> >>> Test success
====> >>>
====> >>> Test all options together
====> >>> Test success
====>
====> Test: WMS-command_job-delegate-proxy
====> WMS: cream-44.pd.infn.it
====> Started: 09:23:36
====> Ended : 09:24:01
====>
====>      === test PASSED ===
```

Logging info

```

====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test glite-wms-job-logging-info command
====> ++++++
====> >>> Check if command glite-wms-job-logging-info exists
====> >>>
====> >>> Test --version option
====> >>> Test success
====> >>>
====> >>> Test a simple logging info...
====> >>> Test success
====> >>>
====> >>> Test option --config
====> >>> Test success
====> >>>
====> >>> Test option --output
====> >>> Test success
====> >>>
====> >>> Test option --logfile
====> >>> Test success
====> >>>
====> >>> Test the --input option
====> >>> Test success
====> >>>
====> >>> Test the --to option
====> >>> Test success
====> >>>
====> >>> Test the --from option
====> >>> Test success
====> >>>
====> >>> Test the --event option (show only ACCEPTED events)
====> >>> Test success
====> >>>
====> >>> Test the --exclude option (exclude ACCEPTED events)
====> >>> Test success
====> >>>
====> >>> Test all the options together (extract only EnQueued events)
====> >>> Test success
====>
====> Test: WMS-command_job-logging-info
====> WMS: cream-44.pd.infn.it
====> Started: 09:30:45
====> Ended  : 09:31:57
====>
====>      === test PASSED ===

```

Job Status

```

====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test glite-wms-job-status command
====> ++++++
====> >>> Check if command glite-wms-job-status exists
====> >>>
====> >>> Test --version option
====> >>> Test success
====> >>>
====> >>> Test a simple status...
====> >>> Test success
====> >>>
====> >>> Test option --config
====> >>> Test success
====> >>>
====> >>> Test option --output

```

```
====> >>> Test success
====> >>>
====> >>> Test option --logfile
====> >>> Test success
====> >>>
====> >>> Test the --input option
====> >>> Test success
====> >>>
====> >>> BEWARE: Test other options requires certain indexing capabilities to be enabled on the
====>
====> Test: WMS-command_job-status
====> WMS: cream-44.pd.infn.it
====> Started: 09:41:54
====> Ended   : 09:42:18
====>
====>      === test PASSED ===
```

Job info

```
====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test glite-wms-job-info command
====> ++++++
====> >>> Check if command glite-wms-job-info exists
====> >>>
====> >>> Test --version option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl-original with --input option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl-original with --config option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl-original with --output option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl-original with --logfile option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl-original with --endpoint option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl-original with all options
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl with --input option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl with --config option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl with --output option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl with --logfile option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl with --endpoint option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --jdl with all options
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --proxy with --input option
====> >>> Test success
```


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```
====> >>>
====> >>> Test glite-wms-job-info --proxy with --config option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --proxy with --output option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --proxy with --logfile option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --proxy with --endpoint option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --proxy with all options
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --delegationid with --config option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --delegationid with --output option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --delegationid with --logfile option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --delegationid with with --endpoint option
====> >>> Test success
====> >>>
====> >>> Test glite-wms-job-info --delegationid with all options
====> >>> Test success
====> >>>
====> >>> Check the edg_jobid parameter in the registered jdl
====> >>> Test success
====> >>>
====> >>> Check the expiration time of the delegation
====> >>> Test success
====>
====> Test: WMS-command_job-info
====> WMS: cream-44.pd.infn.it
====> Started: 09:44:25
====> Ended : 09:44:38
====>
====>      === test PASSED ===
```

Prologue/Epilogue

```
[ale@cream-03 UI]$ glite-wms-job-submit -a -c etc/wmp_cream-44.conf jdl/PrologEpilog.jdl
```

```
Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server
```

```
===== glite-wms-job-submit Success =====
```

```
The job has been successfully submitted to the WMPProxy
Your job identifier is:
```

```
https://devel07.cnaf.infn.it:9000/51w6HsBvktDjV-GH8kD8dQ
```

```
=====
```

```
[ale@cream-03 UI]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/51w6HsBvktDjV-GH8kD8dQ
```

```
===== glite-wms-job-status Success =====
```

```
BOOKKEEPING INFORMATION:
```

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```
Status info for the Job : https://devel07.cnaf.infn.it:9000/51w6HsBvktDjV-GH8kD8dQ
Current Status:      Done (Success)
Logged Reason(s):
  - job completed
  - Job Terminated Successfully
Exit code:          0
Status Reason:      Job Terminated Successfully
Destination:        cream-19.pd.infn.it:8443/cream-lsf-testbedB_2
Submitted:          Wed Mar 23 09:48:34 2011 CET
=====
```

```
[ale@cream-03 UI]$ glite-wms-job-output https://devel07.cnaf.infn.it:9000/51w6HsBvktDjV-GH8kD8dQ
```

```
Connecting to the service https://cream-44.pd.infn.it:7443/glite_wms_wmproxy_server
```

```
=====
JOB GET OUTPUT OUTCOME
```

```
Output sandbox files for the job:
https://devel07.cnaf.infn.it:9000/51w6HsBvktDjV-GH8kD8dQ
have been successfully retrieved and stored in the directory:
/tmp/ale_51w6HsBvktDjV-GH8kD8dQ
=====
```

```
[ale@cream-03 UI]$ ls -l /tmp/ale_51w6HsBvktDjV-GH8kD8dQ/
total 12
-rw-rw-r-- 1 ale ale 416 Mar 23 09:54 epilogue.out
-rw-rw-r-- 1 ale ale 186 Mar 23 09:54 prologue.out
-rw-rw-r-- 1 ale ale  0 Mar 23 09:54 std.err
-rw-rw-r-- 1 ale ale 266 Mar 23 09:54 std.out
```

```
[ale@cream-03 UI]$ cat /tmp/ale_51w6HsBvktDjV-GH8kD8dQ/epilogue.out
This is the output of the job: Wed Mar 23 09:48:57 CET 2011
Hello world!
My prologue said:
Wed Mar 23 09:48:56 CET 2011
I'm the prologue
#####
This is the output of an ls command
epilogue.sh
exe.sh
pippo
prologue.out
prologue.sh
#####
My argument is 1000
#####
We finish at Wed Mar 23 09:48:57 CET 2011
#####
All the jokes are done!
```

```
[ale@cream-03 UI]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/51w6HsBvktDjV-GH8kD8dQ
```

```
===== glite-wms-job-status Success =====
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/51w6HsBvktDjV-GH8kD8dQ
Current Status:      Cleared
Status Reason:      user retrieved output sandbox
Destination:        cream-19.pd.infn.it:8443/cream-lsf-testbedB_2
Submitted:          Wed Mar 23 09:48:34 2011 CET
=====
```

Shallow/Deep Resubmission

```
====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test job resubmission
====> ++++++
====> >>>
====> >>> Try a shallow resubmission
====> >>> Test success
====> >>>
====> >>> Try a deep resubmission
====> >>> Test success
====>
====> Test: WMS-job-resubmit
====> WMS: cream-44.pd.infn.it
====> Started: 15:51:57
====> Ended   : 16:04:14
====>
====>      === test PASSED ===
```

Stress test

One days test

- Description
 - ◆ 1440 collections each of 25 jobs
 - ◆ One collection every 60 seconds
 - ◆ Two users
 - ◆ Use CEs of testbed: 10 CREAM PBS, 5 CREAM LSF, 2 LCG-CE LSF e 2 LCG-CE PBS
 - ◆ Use automatic-delegation
 - ◆ The job is a "sleep random(42)"
 - ◆ Resubmission is enabled
 - ◆ Use myproxy server: myproxy.cnaf.infn.it
 - Result
 - ◆ 1394 collections submitted in 5245 seconds: 2/3/14 (min/avg/max)
 - ◇ 46 submissions fail due to proxy expired (wrong test configuration)
 - ◆ Jobs correctly submitted: 34850
 - ◇ DONE OK: 34784 (99.81%)
 - ◇ Aborted: 66 (0.19%)
-
-

Check bugs

Vulnerability EGI #1502 FIXED

This topic: EgeeJra1It > WmsTestsP4736
Topic revision: r14 - 2011-06-20 - AlessioGianelle



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