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# WMS test report

## Description

- Component: **WMS 3.3.0**
- Savannah task: 18568
- ETICS Subsystem Configuration Name: **emi-wms\_R\_3\_3\_1\_4 emi-jdl\_R\_3\_2\_5\_4**
- VCS Tag: glite-wms-ice\_R\_3\_3\_1\_3 glite-wms-jobsubmission\_R\_3\_3\_1\_3  
glite-wms-wmproxy-interface\_R\_3\_3\_1\_3 glite-wms-wmproxy\_R\_3\_3\_1\_3  
glite-wms-broker\_R\_3\_3\_1\_3 glite-wms-brokerinfo\_R\_3\_3\_1\_3  
glite-wms-classad\_plugin\_R\_3\_3\_1\_3 glite-wms-common\_R\_3\_3\_1\_3  
glite-wms-configuration\_R\_3\_3\_1\_3 glite-wms-helper\_R\_3\_3\_1\_3 glite-wms-ism\_R\_3\_3\_1\_3  
glite-wms-manager\_R\_3\_3\_1\_3 glite-wms-matchmaking\_R\_3\_3\_1\_3 glite-wms-purger\_R\_3\_3\_1\_3  
glite-yaim-wms\_R\_4\_1\_1\_3 glite-jdl-api-cpp\_R\_3\_2\_5\_3 glite-wms-utils-classad\_R\_3\_2\_2\_2  
glite-wms-utils-exception\_R\_3\_2\_2\_2
- EMI Major Release: **EMI 1 (Kebnekaise)**
- Platform: sl5
- Repository: EMI 1 RC4
- Author: Alessio Gianelle
- Outcome: **CERTIFIED**

## Clean installation

- Repository used:
  - ◆ epel.repo
  - ◆ lcg-CA.repo
  - ◆ sl.repo
  - ◆ sl-security.repo
  - ◆ emi.repo
- yum install lcg-CA
- yum install emi-wms (see log file)
- /opt/glite/yaim/bin/yaim -c -s site-info.def -n WMS (see log file)

## Test Report

The test report has been produced following the guidelines from here

### List Match

#### List match without data

```
====> ++++++  
====> + TestSuite of the gLite-WMS command line interface
```

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```
====> + 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: 15:38:44
====> Ended  : 15:38:53
====>
====>      === test PASSED ===
```

### List match with data

```
[ale@cream-12 DataReq]$ cat data-req.jdl
#####
#           JDL with Data Requirements           #
#####

Executable = "calc-pi.sh";
# Arguments is the number of digits, must be < 1000000
Arguments = "1000";
StdOutput = "std.out";
StdError = "std.err";
Prologue = "prologue.sh";

FuzzyRank = true;

InputSandbox = {"calc-pi.sh", "fileA", "fileB", "prologue.sh"};
OutputSandbox = {"std.out", "std.err", "out-PI.txt", "out-e.txt"};

Requirements = other.GlueCEInfoHostName != "spacin-cel.dma.unina.it";

DataRequirements = {
[
DataCatalogType = "DLI";
DataCatalog = "http://lfcserver.cnaf.infn.it:8085";
InputData = {"lfn:/grid/infngrid/cesini/PI_1M.txt", "lfn:/grid/infngrid/cesini/e-2M.txt"};
]
};
```

### List match without data

```
DataAccessProtocol = "gsiftp";
```

```
RetryCount = 1;
ShallowRetryCount = 2;
```

```
[ale@cream-12 DataReq]$ glite-wms-job-list-match -a -c ../etc/wmp_cream-44.conf data-req.jdl
```

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

```
=====
```

COMPUTING ELEMENT IDs LIST

The following CE(s) matching your job requirements have been found:

- ```
*CEId*
- cert-15.pd.infn.it:8443/cream-lsf-cert
- grid010.ct.infn.it:2119/jobmanager-lcgpbs-cert
- prod-ce-01.pd.infn.it:8443/cream-lsf-cert
- prod-ce-02.pd.infn.it:2119/jobmanager-lcglsf-cert
```

```
=====
```

## 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: 17:29:08
====> Ended   : 19:25:13
====>
====>      === 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: 15:42:21
====> Ended   : 16:12:40
====>
====>      === test PASSED ===
```

### DAG jobs

```
[ale@cream-12 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://cream-44.pd.infn.it:9000/jX5tUjCc3NY9OZnJgJjM7w
```

```
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/jX5tUjCc3NY9OZnJgJjM7w
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://cream-44.pd.infn.it:9000/jX5tUjCc3NY9OZnJgJjM7w
Current Status:      Done (Success)
Exit code:           0
Status Reason:      Job terminated successfully
Destination:        dagman
Submitted:           Tue Apr 26 16:13:48 2011 CEST
=====
```

### Normal Jobs

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```
- Nodes information for:
  Status info for the Job : https://cream-44.pd.infn.it:9000/88AuT7VYCYaquzSz09aEdQ
  Current Status:      Done (Success)
  Logged Reason(s):
  -
    - Job terminated successfully
  Exit code:           0
  Status Reason:      Job terminated successfully
  Destination:        boalice3.bo.infn.it:2119/jobmanager-lcgpbs-cert
  Submitted:          Tue Apr 26 16:13:48 2011 CEST
```

```
=====  
Status info for the Job : https://cream-44.pd.infn.it:9000/BfhRg3SJWtSP8YSmrvoulQ  
Current Status:      Done (Success)  
Exit code:           0  
Status Reason:      Job terminated successfully  
Destination:        atlas-ce-01.roma1.infn.it:2119/jobmanager-lcglst-atlasgcert  
Submitted:          Tue Apr 26 16:13:48 2011 CEST
```

```
=====  
Status info for the Job : https://cream-44.pd.infn.it:9000/IHB38NEU_aE_HXipH1Z7Lg  
Current Status:      Done (Success)  
Logged Reason(s):  
-  
  - Job terminated successfully  
Exit code:           0  
Status Reason:      Job terminated successfully  
Destination:        boalice3.bo.infn.it:2119/jobmanager-lcgpbs-cert  
Submitted:          Tue Apr 26 16:13:48 2011 CEST
```

```
=====  
[ale@cream-12 UI]$ glite-wms-job-output https://cream-44.pd.infn.it:9000/jX5tUjCc3NY90ZnJgJjM7w
```

```
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://cream-44.pd.infn.it:9000/jX5tUjCc3NY90ZnJgJjM7w  
have been successfully retrieved and stored in the directory:  
/tmp/jobOutput/ale_jX5tUjCc3NY90ZnJgJjM7w
```

```
=====  
[ale@cream-12 UI]$ ls -l /tmp/jobOutput/ale_jX5tUjCc3NY90ZnJgJjM7w/*  
-rw-rw-r-- 1 ale ale 529 Apr 26 17:53 /tmp/jobOutput/ale_jX5tUjCc3NY90ZnJgJjM7w/ids_nodes.map
```

```
/tmp/jobOutput/ale_jX5tUjCc3NY90ZnJgJjM7w/nodeA:  
total 4  
-rw-rw-r-- 1 ale ale 0 Apr 26 17:53 arg.err  
-rw-rw-r-- 1 ale ale 59 Apr 26 17:53 arg.out
```

```
/tmp/jobOutput/ale_jX5tUjCc3NY90ZnJgJjM7w/nodeB:  
total 4  
-rw-rw-r-- 1 ale ale 0 Apr 26 17:53 arg.err  
-rw-rw-r-- 1 ale ale 59 Apr 26 17:53 arg.out
```

```
/tmp/jobOutput/ale_jX5tUjCc3NY90ZnJgJjM7w/nodeC:  
total 4  
-rw-rw-r-- 1 ale ale 0 Apr 26 17:53 arg.err  
-rw-rw-r-- 1 ale ale 59 Apr 26 17:53 arg.out
```

```
[ale@cream-12 UI]$ glite-wms-job-status -v 0 https://cream-44.pd.infn.it:9000/jX5tUjCc3NY90ZnJgJjM7w
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/jX5tUjCc3NY9OznJgJjM7w
```

```
Current Status:      Cleared
```

```
- Nodes information for:
```

```
  Status info for the Job : https://cream-44.pd.infn.it:9000/88AuT7VYCYaquzSz09aEdQ
```

```
  Current Status:      Cleared
```

```
  Status info for the Job : https://cream-44.pd.infn.it:9000/BfhRg3SJWtSP8YSmrvoulQ
```

```
  Current Status:      Cleared
```

```
  Status info for the Job : https://cream-44.pd.infn.it:9000/IHB38NEU_aE_HXipHlZ7Lg
```

```
  Current Status:      Cleared
```

```
=====
```

### Collection jobs

- Direct submission

```
[ale@cream-12 UI]$ glite-wms-job-submit -a -c etc/wmp_cream-44.conf jdl/jdlcollections/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://cream-44.pd.infn.it:9000/epNJZENm4fv031v1F9qStQ
```

```
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/epNJZENm4fv031v1F9qStQ
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/epNJZENm4fv031v1F9qStQ
```

```
Current Status:      Done (Success)
```

```
Exit code:           0
```

```
Submitted:           Wed Apr 27 15:23:54 2011 CEST
```

```
=====
```

```
- Nodes information for:
```

```
  Status info for the Job : https://cream-44.pd.infn.it:9000/UBgwJsx5dtNDTFigPRfUiQ
```

```
  Current Status:      Done (Success)
```

```
  Logged Reason(s):
```

```
    - job completed
```

```
    - Job Terminated Successfully
```

```
  Exit code:           0
```

```
  Status Reason:       Job Terminated Successfully
```

```
  Destination:         cert-15.pd.infn.it:8443/cream-lsf-cert
```

```
  Submitted:           Wed Apr 27 15:23:54 2011 CEST
```

```
=====
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/i4opIC3iITD93cjWB9lmwA
```

```
Current Status:      Done (Success)
```

```
Logged Reason(s):
```

```
  -
```

```
  - Job terminated successfully
```

```
Exit code:           0
```

```
Status Reason:       Job terminated successfully
```

```
Destination:         cclcgceli04.in2p3.fr:2119/jobmanager-bqs-short
```

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Submitted: Wed Apr 27 15:23:54 2011 CEST

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/igpVHdP91jjZpCQNCf9zzA
Current Status:      Done (Success)
Exit code:          0
Status Reason:      Job terminated successfully
Destination:        grid001.ts.infn.it:2119/jobmanager-lcglsf-cert
Submitted:          Wed Apr 27 15:23:54 2011 CEST
=====
```

```
[ale@cream-12 WMS-service]$ glite-wms-job-output https://cream-44.pd.infn.it:9000/epNJZENm4fv031v1F9qStQ
```

```
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://cream-44.pd.infn.it:9000/epNJZENm4fv031v1F9qStQ
have been successfully retrieved and stored in the directory:
/tmp/jobOutput/ale_epNJZENm4fv031v1F9qStQ
=====
```

```
[ale@cream-12 WMS-service]$ ls -l /tmp/jobOutput/ale_epNJZENm4fv031v1F9qStQ/*
-rw-rw-r-- 1 ale ale 533 Apr 27 16:37 /tmp/jobOutput/ale_epNJZENm4fv031v1F9qStQ/ids_nodes.map
```

```
/tmp/jobOutput/ale_epNJZENm4fv031v1F9qStQ/Node_0:
total 4
-rw-rw-r-- 1 ale ale 0 Apr 27 16:37 arg.err
-rw-rw-r-- 1 ale ale 59 Apr 27 16:37 arg.out
```

```
/tmp/jobOutput/ale_epNJZENm4fv031v1F9qStQ/Node_1:
total 12
-rw-rw-r-- 1 ale ale 0 Apr 27 16:37 file.err
-rw-rw-r-- 1 ale ale 10095 Apr 27 16:37 file.out
```

```
/tmp/jobOutput/ale_epNJZENm4fv031v1F9qStQ/nodeA:
total 4
-rw-rw-r-- 1 ale ale 16 Apr 27 16:37 file.out
```

```
[ale@cream-12 WMS-service]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/epNJZENm4fv031v1F9qStQ
```

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

```
Status info for the Job : https://cream-44.pd.infn.it:9000/epNJZENm4fv031v1F9qStQ
Current Status:      Cleared
Submitted:          Wed Apr 27 15:23:54 2011 CEST
=====
```

```
- Nodes information for:
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/UBgwJsx5dtNDTFigPRfUiQ
Current Status:      Cleared
Status Reason:      user retrieved output sandbox
Destination:        cert-15.pd.infn.it:8443/cream-lsf-cert
Submitted:          Wed Apr 27 15:23:54 2011 CEST
=====
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/i4opIC3iITD93cjWB91mwA
Current Status:      Cleared
Status Reason:      user retrieved output sandbox
Destination:        cclcgceli04.in2p3.fr:2119/jobmanager-bqs-short
```



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Submitted: Wed Apr 27 15:23:54 2011 CEST

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/igpVHdP91jjZpQNCf9zzA
Current Status:      Cleared
Status Reason:      user retrieved output sandbox
Destination:        grid001.ts.infn.it:2119/jobmanager-lcglsf-cert
Submitted:          Wed Apr 27 15:23:54 2011 CEST
=====
```

### • Bulk submission

```
[ale@cream-12 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://cream-44.pd.infn.it:9000/LMF4K_eQ32j_68lktgBd5w
```

```
[ale@cream-12 UI]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/LMF4K_eQ32j_68lktgBd5w
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/LMF4K_eQ32j_68lktgBd5w
Current Status:      Done (Success)
Exit code:          0
Submitted:          Tue Apr 26 17:58:21 2011 CEST
=====
```

```
- Nodes information for:
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/6e5y3U-EEyeecaR-cqowFg
Current Status:      Done (Success)
Logged Reason(s):
-
- Job terminated successfully
Exit code:          0
Status Reason:      Job terminated successfully
Destination:        argoce01.na.infn.it:2119/jobmanager-lcgpbs-cert
Submitted:          Tue Apr 26 17:58:21 2011 CEST
=====
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/L-nBWIkfd7uyPRP9Ja7ozw
Current Status:      Done (Success)
Logged Reason(s):
- Cannot move ISB (retry_copy ${globus_transfer_cmd} gsiftp://cream-44.pd.infn.it:2811/va
error: an I/O operation was cancelled
globus_xio: Unable to connect to cream-44.pd.infn.it:2811
globus_xio: Operation was canceled
globus_xio: Operation timed out
- reason=1; Cannot move ISB (retry_copy ${globus_transfer_cmd} gsiftp://cream-44.pd.infn.
-
- Job terminated successfully
Exit code:          0
Status Reason:      Job terminated successfully
Destination:        cclcgceli08.in2p3.fr:2119/jobmanager-bqs-long
```

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Submitted: Tue Apr 26 17:58:21 2011 CEST

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/L9Ui9GcSIIu1DPsWeFu00w
Current Status: Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code: 0
Status Reason: Job Terminated Successfully
Destination: creamce01.ge.infn.it:8443/cream-lsf-cert
Submitted: Tue Apr 26 17:58:21 2011 CEST
=====
```

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/MI9d05tsP7p7s5V0c_cNdA
Current Status: Done (Success)
Logged Reason(s):
-
- Job terminated successfully
Exit code: 0
Status Reason: Job terminated successfully
Destination: ce132.cern.ch:2119/jobmanager-lcglsf-grid_dteam
Submitted: Tue Apr 26 17:58:21 2011 CEST
=====
```

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/dQ478pSuw6wopolJoHpUBA
Current Status: Done (Success)
Logged Reason(s):
-
- Job terminated successfully
Exit code: 0
Status Reason: Job terminated successfully
Destination: t2-ce-02.to.infn.it:2119/jobmanager-lcgpbs-short
Submitted: Tue Apr 26 17:58:21 2011 CEST
=====
```

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/ur47MbAjAtoqTr0E7yOXZQ
Current Status: Done (Success)
Logged Reason(s):
-
- Job terminated successfully
Exit code: 0
Status Reason: Job terminated successfully
Destination: ce131.cern.ch:2119/jobmanager-lcglsf-grid_dteam
Submitted: Tue Apr 26 17:58:21 2011 CEST
=====
```

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/yucfFnRGCGh8h_9gK3HU6w
Current Status: Done (Success)
Logged Reason(s):
-
- Job terminated successfully
Exit code: 0
Status Reason: Job terminated successfully
Destination: ce125.cern.ch:2119/jobmanager-lcglsf-grid_dteam
Submitted: Tue Apr 26 17:58:21 2011 CEST
=====
```

[ale@cream-12 UI]\$ glite-wms-job-output https://cream-44.pd.infn.it:9000/LMF4K\_eQ32j\_681ktgBd5w

Connecting to the service https://cream-44.pd.infn.it:7443/glite\_wms\_wmproxy\_server

=====

JOB GET OUTPUT OUTCOME

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Output sandbox files for the DAG/Collection :  
[https://cream-44.pd.infn.it:9000/LMF4K\\_eQ32j\\_681ktgBd5w](https://cream-44.pd.infn.it:9000/LMF4K_eQ32j_681ktgBd5w)  
have been successfully retrieved and stored in the directory:  
[/tmp/jobOutput/ale\\_LMF4K\\_eQ32j\\_681ktgBd5w](/tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w)

=====

```
[ale@cream-12 UI]$ ls /tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/
ids_nodes.map Node_jdl_0/ Node_jdl_12/ Node_jdl_16/ Node_jdl_2/ Node_jdl_23/ Node_jdl_30/
[ale@cream-12 UI]$ ls -l /tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/Node_jdl_*
/tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/Node_jdl_0:
total 12
-rw-rw-r-- 1 ale ale 0 Apr 27 09:15 env.err
-rw-rw-r-- 1 ale ale 8852 Apr 27 09:15 env.out

/tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/Node_jdl_12:
total 4
-rw-rw-r-- 1 ale ale 0 Apr 27 09:14 env.err
-rw-rw-r-- 1 ale ale 772 Apr 27 09:14 env.out

/tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/Node_jdl_16:
total 4
-rw-rw-r-- 1 ale ale 0 Apr 27 09:14 env.err
-rw-rw-r-- 1 ale ale 725 Apr 27 09:14 env.out

/tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/Node_jdl_2:
total 8
-rw-rw-r-- 1 ale ale 0 Apr 27 09:14 env.err
-rw-rw-r-- 1 ale ale 4729 Apr 27 09:14 env.out

/tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/Node_jdl_23:
total 4
-rw-rw-r-- 1 ale ale 0 Apr 27 09:14 env.err
-rw-rw-r-- 1 ale ale 772 Apr 27 09:14 env.out

/tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/Node_jdl_27:
total 4
-rw-rw-r-- 1 ale ale 0 Apr 27 09:14 env.err
-rw-rw-r-- 1 ale ale 760 Apr 27 09:14 env.out

/tmp/jobOutput/ale_LMF4K_eQ32j_681ktgBd5w/Node_jdl_30:
total 12
-rw-rw-r-- 1 ale ale 0 Apr 27 09:14 env.err
-rw-rw-r-- 1 ale ale 8855 Apr 27 09:14 env.out
[ale@cream-12 UI]$ glite-wms-job-status -v 0 https://cream-44.pd.infn.it:9000/LMF4K_eQ32j_681ktgBd5w
```

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

Status info for the Job : [https://cream-44.pd.infn.it:9000/LMF4K\\_eQ32j\\_681ktgBd5w](https://cream-44.pd.infn.it:9000/LMF4K_eQ32j_681ktgBd5w)  
Current Status: Cleared  
- Nodes information for:  
Status info for the Job : <https://cream-44.pd.infn.it:9000/6e5y3U-EEyeecaR-cqowFg>  
Current Status: Cleared  
Status info for the Job : <https://cream-44.pd.infn.it:9000/L-nBWIkd7uyPRP9Ja7ozw>  
Current Status: Cleared  
Status info for the Job : <https://cream-44.pd.infn.it:9000/L9Ui9GcSIu1DPsWeFu00w>  
Current Status: Cleared  
Status info for the Job : [https://cream-44.pd.infn.it:9000/MI9dO5tsP7p7s5VOc\\_cNdA](https://cream-44.pd.infn.it:9000/MI9dO5tsP7p7s5VOc_cNdA)  
Current Status: Cleared  
Status info for the Job : <https://cream-44.pd.infn.it:9000/dQ478pSuw6wopo1JoHpUBA>  
Current Status: Cleared  
Status info for the Job : <https://cream-44.pd.infn.it:9000/ur47MbAjAtoqTr0E7yOXZQ>  
Current Status: Cleared  
Status info for the Job : [https://cream-44.pd.infn.it:9000/yucfFnRGCGh8h\\_9gK3HU6w](https://cream-44.pd.infn.it:9000/yucfFnRGCGh8h_9gK3HU6w)

Current Status: Cleared

## Parametric jobs

```
====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test parametric jobs
====> ++++++
====> >>>
====> >>> 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: 10:53:46
====> Ended  : 12:17:06
====>
====>      === test PASSED ===
```

## Perusal jobs

```
====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test glite-wms-job-perusal command.
====> ++++++
====> >>> 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: 09:29:14
====> Ended  : 09:55:36
====>
====>      === test PASSED ===
```

**Parallel jobs**

```
[ale@cream-12 UI]$ cat jdl/prove/mpi.jdl
[
Executable = "cpi";
CpuNumber = 2;
JobType = "MpiCH";
Stdoutput = "cpi.out" ;
StdError = "cpi.err" ;
OutputSandbox = { "cpi.out" ,"cpi.err"} ;
InputSandbox = { "exe/cpi" };
FuzzyRank = true;
usertags = [ exe = "cpi" ];
]
```

```
[ale@cream-12 UI]$ glite-wms-job-submit -a -c etc/wmp_cream-44.conf jdl/prove/mpi.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://cream-44.pd.infn.it:9000/76tGG_ytn-v0fyzoC7xJFA
```

```
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/76tGG_ytn-v0fyzoC7xJFA
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/76tGG_ytn-v0fyzoC7xJFA
```

```
Current Status:      Done (Success)
```

```
Logged Reason(s):
```

```
-
- Job terminated successfully
```

```
Exit code:          0
```

```
Status Reason:      Job terminated successfully
```

```
Destination:        t2-ce-02.to.infn.it:2119/jobmanager-lcgpbs-cert
```

```
Submitted:          Wed Apr 27 12:49:10 2011 CEST
```

```
=====
```

```
[ale@cream-12 DataReq]$ glite-wms-job-output https://cream-44.pd.infn.it:9000/76tGG_ytn-v0fyzoC7xJFA
```

```
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://cream-44.pd.infn.it:9000/76tGG_ytn-v0fyzoC7xJFA
```

```
have been successfully retrieved and stored in the directory:
```

```
/tmp/jobOutput/ale_76tGG_ytn-v0fyzoC7xJFA
```

```
=====
```

```
[ale@cream-12 DataReq]$ cat /tmp/jobOutput/ale_76tGG_ytn-v0fyzoC7xJFA/cpi.out
```

## WmsTestsTask18568 < EgeeJra1It < TWiki

Modified mpirun: Executing command: cpi  
Process 0 of 1 on t2-wn-111.to.infn.it  
pi is approximately 3.1415926544231341, Error is 0.0000000008333410  
wall clock time = 10.002104

## 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
====> >>> 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: 09:59:22
====> Ended  : 10:30:05
====>
====>      === test PASSED ===
```

### Dag Jobs

```
[ale@cream-12 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://cream-44.pd.infn.it:9000/76_F4o9YAIoaIUM5-1Yk6g
```

```
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/76_F4o9YAIoaIUM5-1Yk6g
```

Cancel

## WmsTestsTask18568 < EgeeJra1It < TWiki

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

BOOKKEEPING INFORMATION:

Status info for the Job : [https://cream-44.pd.infn.it:9000/76\\_F4o9YAIoaIUM5-1Yk6g](https://cream-44.pd.infn.it:9000/76_F4o9YAIoaIUM5-1Yk6g)  
Current Status: Ready  
Status Reason: unavailable  
Destination: dagman  
Submitted: Wed Apr 27 12:41:27 2011 CEST  
=====

- Nodes information for:

Status info for the Job : <https://cream-44.pd.infn.it:9000/5qF8QC8ax0hXifW7C6qaeq>  
Current Status: Submitted  
Submitted: Wed Apr 27 12:41:27 2011 CEST  
=====

Status info for the Job : <https://cream-44.pd.infn.it:9000/UXOcLvuEGn1ZHjC4gR-3HQ>  
Current Status: Submitted  
Submitted: Wed Apr 27 12:41:27 2011 CEST  
=====

Status info for the Job : <https://cream-44.pd.infn.it:9000/1BNTvFoNFXYfvfcF93xX7A>  
Current Status: Submitted  
Submitted: Wed Apr 27 12:41:27 2011 CEST  
=====

[ale@cream-12 UI]\$ glite-wms-job-cancel [https://cream-44.pd.infn.it:9000/76\\_F4o9YAIoaIUM5-1Yk6g](https://cream-44.pd.infn.it:9000/76_F4o9YAIoaIUM5-1Yk6g)

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](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://cream-44.pd.infn.it:9000/76\\_F4o9YAIoaIUM5-1Yk6g](https://cream-44.pd.infn.it:9000/76_F4o9YAIoaIUM5-1Yk6g)  
=====

[ale@cream-12 UI]\$ glite-wms-job-status [https://cream-44.pd.infn.it:9000/76\\_F4o9YAIoaIUM5-1Yk6g](https://cream-44.pd.infn.it:9000/76_F4o9YAIoaIUM5-1Yk6g)

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

BOOKKEEPING INFORMATION:

Status info for the Job : [https://cream-44.pd.infn.it:9000/76\\_F4o9YAIoaIUM5-1Yk6g](https://cream-44.pd.infn.it:9000/76_F4o9YAIoaIUM5-1Yk6g)  
Current Status: Cancelled  
Logged Reason(s):  
- Aborted by user  
Destination: dagman  
Submitted: Wed Apr 27 12:41:27 2011 CEST  
=====

- Nodes information for:

Status info for the Job : <https://cream-44.pd.infn.it:9000/5qF8QC8ax0hXifW7C6qaeq>  
Current Status: Cancelled  
Logged Reason(s):  
- Aborted by user  
Status Reason: Aborted by user.  
Destination: [boalice3.bo.infn.it:2119/jobmanager-lcgpbs-cert](https://boalice3.bo.infn.it:2119/jobmanager-lcgpbs-cert)  
Submitted: Wed Apr 27 12:41:27 2011 CEST  
=====

## WmsTestsTask18568 < EgeeJra1It < TWiki

```
Status info for the Job : https://cream-44.pd.infn.it:9000/UXOcLvuEGn1ZHjC4gR-3HQ
Current Status:      Submitted
Submitted:          Wed Apr 27 12:41:27 2011 CEST
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/lBNTvFoNFXYyfvfcF93xX7A
Current Status:      Submitted
Submitted:          Wed Apr 27 12:41:27 2011 CEST
```

### Collection Jobs

Cancel the collection:

```
[ale@cream-12 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://cream-44.pd.infn.it:9000/kz3aDk3eO7Hyvtl4AOEMIg
```

```
[ale@cream-12 UI]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/kz3aDk3eO7Hyvtl4AOEMIg
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://cream-44.pd.infn.it:9000/kz3aDk3eO7Hyvtl4AOEMIg
Current Status:      Waiting
Submitted:          Wed Apr 27 10:36:19 2011 CEST
```

- Nodes information for:

```
Status info for the Job : https://cream-44.pd.infn.it:9000/-ek_3M3aQ-rlJr77AkqkqQ
Current Status:      Ready
Status Reason:       unavailable
Destination:         cclcgceli04.in2p3.fr:2119/jobmanager-bqs-short
Submitted:          Wed Apr 27 10:36:19 2011 CEST
```

```
[ale@cream-12 UI]$ glite-wms-job-cancel https://cream-44.pd.infn.it:9000/kz3aDk3eO7Hyvtl4AOEMIg
```

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://cream-44.pd.infn.it:9000/kz3aDk3eO7Hyvtl4AOEMIg



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```
[ale@cream-12 UI]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/kz3aDk3eO7Hyvtl4AOEMIg
```

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

```
Status info for the Job : https://cream-44.pd.infn.it:9000/kz3aDk3eO7Hyvtl4AOEMIg  
Current Status:      Cleared  
Submitted:          Wed Apr 27 10:36:19 2011 CEST  
=====
```

```
- Nodes information for:
```

```
  Status info for the Job : https://cream-44.pd.infn.it:9000/-ek_3M3aQ-rlJr77AkgkqQ  
  Current Status:      Cancelled  
  Destination:        cclcgceli04.in2p3.fr:2119/jobmanager-bqs-short  
  Submitted:          Wed Apr 27 10:36:19 2011 CEST  
=====
```

Cancel collection's nodes:

```
[ale@cream-12 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://cream-44.pd.infn.it:9000/4_df-AE8LYaEgFqeYMfvfQ  
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-status https://cream-44.pd.infn.it:9000/4_df-AE8LYaEgFqeYMfvfQ
```

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

```
Status info for the Job : https://cream-44.pd.infn.it:9000/4_df-AE8LYaEgFqeYMfvfQ  
Current Status:      Waiting  
Submitted:          Wed Apr 27 10:45:17 2011 CEST  
=====
```

```
- Nodes information for:
```

```
  Status info for the Job : https://cream-44.pd.infn.it:9000/8K3C8RtJaa9Mz3q9sxxgVSQ  
  Current Status:      Ready  
  Status Reason:      unavailable  
  Destination:        grid-ce.lns.infn.it:2119/jobmanager-lcgpbs-cert  
  Submitted:          Wed Apr 27 10:45:17 2011 CEST  
=====
```

```
  Status info for the Job : https://cream-44.pd.infn.it:9000/C80L374HBxgwKx_Mdzt2Ag  
  Current Status:      Ready  
  Status Reason:      unavailable  
  Destination:        cel27.cern.ch:2119/jobmanager-lcglsf-grid_dteam  
  Submitted:          Wed Apr 27 10:45:17 2011 CEST  
=====
```

```
  Status info for the Job : https://cream-44.pd.infn.it:9000/JkTHlK333vyD2tHhO-Jlzg  
  Current Status:      Ready  
  Destination:        ce202.cern.ch:8443/cream-lsf-grid_dteam  
  Submitted:          Wed Apr 27 10:45:17 2011 CEST
```

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```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/LWqWD0n-TsnvVSYQuTbj9A
Current Status:      Ready
Destination:         t2-ce-01.to.infn.it:8443/cream-pbs-short
Submitted:           Wed Apr 27 10:45:17 2011 CEST
=====
```

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/OR0Fchju4OB4b-m8-RGdzw
Current Status:      Ready
Status Reason:       unavailable
Destination:         prod-ce-02.pd.infn.it:2119/jobmanager-lcglsf-cert
Submitted:           Wed Apr 27 10:45:17 2011 CEST
=====
```

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/epe-aDPYJpJC3NF66racxw
Current Status:      Ready
Destination:         infn-ce-01.ct.pi2s2.it:8443/cream-lsf-cert
Submitted:           Wed Apr 27 10:45:17 2011 CEST
=====
```

```
=====
Status info for the Job : https://cream-44.pd.infn.it:9000/nC8aFIId0OCYbutnt007VIw
Current Status:      Ready
Destination:         t2-ce-01.to.infn.it:8443/cream-pbs-cert
Submitted:           Wed Apr 27 10:45:17 2011 CEST
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-cancel https://cream-44.pd.infn.it:9000/LWqWD0n-TsnvVSYQuTbj9A
```

```
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://cream-44.pd.infn.it:9000/LWqWD0n-TsnvVSYQuTbj9A
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-cancel https://cream-44.pd.infn.it:9000/OR0Fchju4OB4b-m8-RGdzw
```

```
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://cream-44.pd.infn.it:9000/OR0Fchju4OB4b-m8-RGdzw
=====
```

```
[ale@cream-12 UI]$ glite-wms-job-status -v 0 https://cream-44.pd.infn.it:9000/4_df-AE8LYaEgFqeYMFvfQ
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://cream-44.pd.infn.it:9000/4_df-AE8LYaEgFqeYMFvfQ
Current Status:      Waiting
```

- Nodes information for:

```
Status info for the Job : https://cream-44.pd.infn.it:9000/8K3C8RtJaa9Mz3q9sxsqVSQ
Current Status:          Scheduled
Status info for the Job : https://cream-44.pd.infn.it:9000/C80L374HBxgwKx_Mdzt2Ag
Current Status:          Scheduled
Status info for the Job : https://cream-44.pd.infn.it:9000/JkTH1K333vyD2tHhO-Jlzg
Current Status:          Done (Success)
Status info for the Job : https://cream-44.pd.infn.it:9000/LWqWD0n-TsnvVSYQuTbj9A
Current Status:          Cancelled
Status info for the Job : https://cream-44.pd.infn.it:9000/OR0Fchju40B4b-m8-RGdzw
Current Status:          Cancelled
Status info for the Job : https://cream-44.pd.infn.it:9000/epe-aDPYJpJC3NF66racxw
Current Status:          Done (Success)
Status info for the Job : https://cream-44.pd.infn.it:9000/nC8aFId00CYbutnt007VIw
Current Status:          Done (Success)
```

=====

## 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: 10:54:06
====> Ended  : 10:54:17
====>
====>      === 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: 10:54:57
====> Ended  : 10:56:02
====>
====>      === 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: 10:56:54
====> Ended  : 10:57:00
====>
====>      === 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
====> >>>
====> >>> 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
```

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```
====> >>>
====> >>> 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: 11:01:31
====> Ended  : 11:01:38
====>
====>      === test PASSED ===
```

### Prologue/Epilogue

```
[ale@cream-12 WMS-service]$ ./WMS-prologue-epilogue.sh -d 1
====> ++++++
====> + TestSuite of the gLite-WMS command line interface
====> + Description: test prologue and epilogue attributes
====> ++++++
====> >>>
====> >>> Test prologue and epilogue attributes
====>
====> Test: WMS-prologue-epilogue
====> WMS: cream-44.pd.infn.it
====> Started: 11:02:25
====> Ended  : 11:40:47
====>
====>      === test PASSED ===
```

### 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
====> >>> WARNING: Job has NOT been cancelled
====>
====> Test: WMS-job-resubmit
====> WMS: cream-44.pd.infn.it
====> Started: 16:14:24
```

```
====> Ended   : 17:10:32
====>
====>   === test PASSED ===
====>
```

## Performance test

### Collection of 1000 nodes

```
[ale@cream-12 UI]$ glite-wms-job-submit -a -c etc/wmp_cream-44.conf -o coll.out --collection 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://cream-44.pd.infn.it:9000/6hU1YLqke6d-dwdFd6_-Rw
```

```
The job identifier has been saved in the following file:
/home/ale/UI/coll.out
```

```
=====
```

```
[ale@cream-03 DataReq]$ glite-wms-job-status -o a https://cream-44.pd.infn.it:9000/6hU1YLqke6d-dw
```

```
===== glite-job-status success =====
```

```
Bookkeeping information has been found and stored in the file:
/home/ale/UI/DataReq/a
```

```
=====
```

```
[ale@cream-03 DataReq]$ grep "    Current Status" a | sort | uniq -c
    22    Current Status:    Aborted
    978    Current Status:    Done (Success)
```

All the jobs aborted because proxy expired

### Stress test

Description:

- 381 collection of 25 nodes each (total: 9525 jobs)
- One collection every 60 seconds
- two users
- Use LCG-CEs and CREAM-CEs (with different batch systems)
- Use automatic-delegation
- The job is a "sleep random(666)"
- Resubmission is enabled
- Enable proxy renewal

Results:

- 381 collections submitted in 783 seconds: 1/2/10 (min/avg/max)
- Jobs correctly submitted: 9525 (32% to CREAM CEs and 68% to LCG CEs)

Shallow/Deep Resubmission

- ◆ DONE OK: 9366 (98.33%)
- ◆ Aborted: 159 (1.67%)

All jobs are aborted for "proxy expired".

-- AlessioGianelle - 2011-04-26

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This topic: EgeeJra1It > WmsTestsTask18568

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