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Certification report *internal* patch 3777

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Outcome: **Certified**

Information

Patch 3777	https://savannah.cern.ch/patch/index.php?3777
Build reports	http://etics-repository.cern.ch/repository/reports/id/b67cc5fe-8ebf-4d04-89e1-0b741c1654a6/sl5_x86_64_
Repository	http://etics-repository.cern.ch/repository/pm/registered/repomd/name/patch_3777_3/index.html

Upgrade from production

- Starting from a Production UI we update it.
 - ◆ wget
`http://etics-repository.cern.ch/repository/pm/registered/repomd/name/patch_3777_3/etics-registered-b`
`-O /etc/yum.repos.d/glite-UI.repo`
 - ◆ yum update
 - ◆ `/opt/glite/yaim/bin/yaim -c -s siteinfo.ui -n glite-UI`

Test Report

- running the basic UI tests :

```
[ale@cream-03 UI]$ ./UI-certtest.sh
Using ./UI-certconfig
START Wed Nov  3 17:20:21 CET 2010
-----
Enter the test user pass:
Log files will be stored in /tmp/logs_101103172024
*SL4 tests skipped
*Running SL5 tests
UI-commands-exist-all.sh PASSED
UI-libraries-exist.sh PASSED
UI-security-myproxy-init-info-destroy.sh PASSED
UI-security-voms-proxy-init-info-destroy.sh PASSED
*Running COMMON tests
UI-environment.csh PASSED
UI-environment.sh PASSED
UI-exec-help-glite-delegation.sh PASSED
UI-exec-help-glite-sd-query.sh PASSED
UI-exec-help-lcg-info.sh PASSED
UI-exec-help-lcgtags.sh PASSED
UI-exec-help-managevotag.sh PASSED
UI-exec-version-glite-transfer.sh PASSED
UI-exec-version-glite-wms-job.sh PASSED
UI-exec-version-grid-proxy.sh PASSED
UI-exec-version-lcg.sh PASSED
UI-exec-version-myproxy.sh PASSED
UI-exec-version-uberftp.sh PASSED
UI-exec-version-voms-proxy.sh PASSED
UI-glite-environment.csh PASSED
UI-glite-environment.sh PASSED
UI-inf-lcg-info-ce.sh PASSED
UI-inf-lcg-info-se.sh PASSED
UI-inf-lcg-infosites.sh PASSED
```

```
UI-inf-ldapsearch.sh PASSED
UI-security-grid-cert-info.sh PASSED
UI-security-grid-proxy-info.sh PASSED
UI-security-grid-proxy-init-info-destroy.sh PASSED
UI-security-myproxy-change-pass-phrase.sh PASSED
UI-security-voms-proxy-info.sh PASSED
UI-tags-lcgtags.sh PASSED
UI-tags-managevotag.sh PASSED
UI-workload-glite-submit-wait-output.sh PASSED
UI-workload-glite-wms-deleg-submit-wait-output.sh PASSED
UI-workload-glite-wms-errors.sh PASSED
UI-workload-glite-wms-job-list-match.sh PASSED
UI-workload-glite-wms-submit-wait-output.sh PASSED
TEST_PASSED
```

Zipped log should be found here

- Run modified tests from this WMS CLI testsuite
 - ◆ WMS-cli-list-match.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101029165516.log
 - ◆ WMS-cli-delegate-proxy.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101029165612.log
 - ◆ WMS-cli-job-info.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101029171518.log
 - ◆ WMS-cli-job-output.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101029171641.log
 - ◆ WMS-cli-logging-info.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101029181932.log
 - ◆ WMS-cli-status.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101029182137.log
 - ◆ WMS-cli-submit.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101102111611.log
 - ◆ WMS-cli-cancel.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101029165550.log
 - ◆ WMS-cli-file-perusal.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101102125222.log
 - ◆ WMS-cli-cycle.sh TEST PASSED
 - ◇ Test log file is wms-cli-test_20101102135418.log

Check Bugs

Bug #50761 : segmentation fault in glite-brokerinfo on glite-WN SL5/x86_64 FIXED

- Install the required rpm

```
[root@cream-03 ~]# yum install glite-wms-brokerinfo-access
Loaded plugins: kernel-module, protectbase
Repository sl-base is listed more than once in the configuration
Repository sl-security is listed more than once in the configuration
Repository sl-fastbugs is listed more than once in the configuration
Repository sl-contrib is listed more than once in the configuration
3 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package glite-wms-brokerinfo-access.x86_64 0:3.3.1-1.sl5 set to be updated
--> Finished Dependency Resolution
```

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Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved

```
=====
Package                               Arch                               Version                             Repository
=====
Installing:
glite-wms-brokerinfo-access           x86_64                             3.3.1-1.s15                         ETICS-name-pa
=====
```

Transaction Summary

```
=====
Install      1 Package(s)
Upgrade      0 Package(s)
=====
```

Total download size: 124 k
Is this ok [y/N]: y
Downloading Packages:
glite-wms-brokerinfo-access-3.3.1-1.s15.x86_64.rpm
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
Installing : glite-wms-brokerinfo-access

Installed:
glite-wms-brokerinfo-access.x86_64 0:3.3.1-1.s15

Complete!

- Test it

```
[ale@cream-03 ~]$ glite-brokerinfo -f test
```

glite-brokerinfo: please specify a function with parameters
use glite-brokerinfo --help for functions and parameters list

Bug #56034 : Matchmaking with JobType=Normal does not take NodeNumber into account FIXED

- Submit this jdl:

```
[ale@cream-03 ~]$ cat test.jdl
[
Executable = "/bin/ls" ;
Arguments = "-lha " ;
Stdoutput = "ls.out" ;
JobType = "normal";
CpuNumber = 4;
Retrycount = 2;
ShallowRetryCount = -1;
requirements = other.GlueCEStateStatus == "Production" || other.GlueCEStateStatus == "test";
usertags = [ exe = "ls" ];
VirtualOrganisation="dteam";
]
```

- And verify the submitted jdl:

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --debug test.jdl
[...]
02 Nov 2010, 15:43:32 -I- PID: 16559 (Debug) - Submitting JDL [ Retrycount = 2; Arguments :
[...]
```

Bug #59611 : WMS UI: should transfer files even if size is 0 bytes FIXED

```
[ale@cream-03 ~]$ cat test.jdl | grep -v ^#
[
Executable = "/bin/ls" ;
Arguments = "-lha " ;
Stdoutput = "ls.out" ;
InputSandbox = { "test.empty" } ;
OutputSandbox = { ".BrokerInfo", "ls.out" } ;
Retrycount = 2;
ShallowRetryCount = -1;
usertags = [ exe = "ls" ];
VirtualOrganisation="dteam";
]

[ale@cream-03 ~]$ ls -l test.empty
-rw-rw-r-- 1 ale ale 0 Oct 29 17:22 test.empty

[ale@cream-03 ~]$ glite-wms-job-submit -a test.jdl

Connecting to the service https://devel14.cnaf.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:9000/3IBVL8mGKQxNQmdrPM4QOw

=====

[ale@cream-03 ~]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/3IBVL8mGKQxNQmdrPM4QOw

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

Status info for the Job : https://devel07.cnaf.infn.it:9000/3IBVL8mGKQxNQmdrPM4QOw
Current Status:      Done (Success)
Logged Reason(s):
  - job completed
  - Job Terminated Successfully
Exit code:           0
Status Reason:       Job Terminated Successfully
Destination:         infnlns-ce-01.ct.pi2s2.it:8443/cream-lsf-cert
Submitted:           Tue Nov  2 15:50:24 2010 CET
=====

[ale@cream-03 ~]$ glite-wms-job-output https://devel07.cnaf.infn.it:9000/3IBVL8mGKQxNQmdrPM4QOw

Connecting to the service https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server

=====

JOB GET OUTPUT OUTCOME

Output sandbox files for the job:
https://devel07.cnaf.infn.it:9000/3IBVL8mGKQxNQmdrPM4QOw
have been successfully retrieved and stored in the directory:
/tmp/ale_3IBVL8mGKQxNQmdrPM4QOw

=====
```

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```
[ale@cream-03 ~]$ cat /tmp/ale_3IBVL8mGKQxNQmdrPM4QOw/ls.out
total 12K
drwxr-xr-x 2 dteam035 dteam 4.0K Nov  2 15:50 .
drwxr-xr-x 3 dteam035 dteam 4.0K Nov  2 15:50 ..
-rw-r--r-- 1 dteam035 dteam 2.3K Nov  2 15:50 .BrokerInfo
-rw-r--r-- 1 dteam035 dteam    0 Nov  2 15:50 ls.out
-rw-r--r-- 1 dteam035 dteam    0 Nov  2 15:50 test.empty
-rw-r--r-- 1 dteam035 dteam    0 Nov  2 15:50 .tmp_file
```

Bug #60175 : Job Collections using option not working as gLite 3.1 UI FIXED

```
[ale@cream-03 ~]$ ls -l collection/
total 4
-rw-rw-r-- 1 ale ale 344 Nov  2 15:55 test.jdl
[ale@cream-03 ~]$ cat collection/test.jdl
[
JobType="MPICH";
CpuNumber = 2;
Executable = "/bin/ls" ;
Arguments = "-lha " ;
Stdoutput = "ls.out" ;
OutputSandbox = { ".BrokerInfo", "ls.out" } ;
Retrycount = 2;
ShallowRetryCount = 3;
requirements = other.GlueCEStateStatus == "Production" || other.GlueCEStateStatus == "testbedb";
usertags = [ exe = "ls" ];
VirtualOrganisation="dteam";
]
```

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --collection collection/
```

```
Connecting to the service https://devel14.cnaf.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/W0dGTWgC5GDU-el1dAf24Q
```

```
=====
```

```
[ale@cream-03 ~]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/W0dGTWgC5GDU-el1dAf24Q
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/W0dGTWgC5GDU-el1dAf24Q
```

```
Current Status:      Waiting
```

```
Submitted:           Tue Nov  2 16:07:01 2010 CET
```

```
=====
```

```
- Nodes information for:
```

```
    Status info for the Job : https://devel07.cnaf.infn.it:9000/_Pj04jNq7Ju6VUdgGIUbYQ
```

```
    Current Status:      Ready
```

```
    Destination:         ce01-lcg.cr.cnaf.infn.it:8443/cream-lsf-dteam
```

```
    Submitted:           Tue Nov  2 16:07:01 2010 CET
```

```
=====
```

Bug #67054 : cancel of node in Submitted state connects to ghemon.cnaf.infn.it FIXED

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --register-only test.jdl
```

```
Connecting to the service https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

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

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

```
https://devel07.cnaf.infn.it:9000/700MitZ4VWAd8_NV7-30_Q
```

```
=====
```

```
To complete the operation, the following InputSandbox files need to be transferred:
```

```
=====
```

```
InputSandbox file : /home/ale/test.empty  
Destination : gsiftp://devel14.cnaf.infn.it:2811/var/glite/SandboxDir/70/https_3a_2f_2fdevel07.cnaf.infn.it:9000/700MitZ4VWAd8_NV7-30_Q  
-----
```

```
then start the job by issuing a submission with the option:
```

```
--start https://devel07.cnaf.infn.it:9000/700MitZ4VWAd8_NV7-30_Q
```

```
[ale@cream-03 ~]$ strace glite-wms-job-submit --start https://devel07.cnaf.infn.it:9000/700MitZ4VWAd8_NV7-30_Q
```

```
Connecting to the service https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

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

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

```
https://devel07.cnaf.infn.it:9000/700MitZ4VWAd8_NV7-30_Q
```

```
=====
```

```
[ale@cream-03 ~]$ grep 131.154.100.122 err
```

```
[ale@cream-03 ~]$
```

```
[ale@cream-03 ~]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/700MitZ4VWAd8_NV7-30_Q
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/700MitZ4VWAd8_NV7-30_Q
```

```
Current Status:      Scheduled
```

```
Status Reason:      unavailable
```

```
Destination:        cream-ce.research-infrastructures.eu:8443/cream-pbs-cert
```

```
Submitted:          Tue Nov  2 16:13:11 2010 CET
```

```
=====
```

Bug #68052 : glite-wms-job-output produces no JSON compliant formatting FIXED

- getOutput with Success for one sandbox retrieved:

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```
[ale@cream-03 ~]$ glite-wms-job-output --json https://devel07.cnaf.infn.it:9000/5kVioGL65UFLdWqm5IEZug
{"result": "success", "jobs": {"https://devel07.cnaf.infn.it:9000/5kVioGL65UFLdWqm5IEZug":
[ale@cream-03 ~]$ ls -l /tmp/ale_5kVioGL65UFLdWqm5IEZug
total 4
-rw-rw-r-- 1 ale ale 435 Nov  4 10:56 ls.out
[ale@cream-03 ~]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/5kVioGL65UFLdWqm5IEZug
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/5kVioGL65UFLdWqm5IEZug
Current Status:      Cleared
=====
```

◆ with option --pretty-print

```
[ale@cream-03 ~]$ glite-wms-job-output --json --pretty-print https://devel07.cnaf.infn.it:9000/7TeeJQ-PxdPGGORx_qHNhw
{
  result: success
  jobs: {
    https://devel07.cnaf.infn.it:9000/7TeeJQ-PxdPGGORx_qHNhw: {
      endpoint: https://devel14.cnaf.infn.it:7443/glite-wms_wmproxy_server
      output_available: 1
      location: /tmp/ale_7TeeJQ-PxdPGGORx_qHNhw
    }
  }
}
```

```
[ale@cream-03 ~]$ ls -la /tmp/ale_7TeeJQ-PxdPGGORx_qHNhw
total 12
drwxr-xr-x  2 ale  ale  4096 Nov  4 11:13 .
drwxrwxrwt 15 root root  4096 Nov  4 11:13 ..
-rw-rw-r--  1 ale  ale  1403 Nov  4 11:13 .BrokerInfo
-rw-rw-r--  1 ale  ale    0 Nov  4 11:13 ls.out
[ale@cream-03 ~]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/7TeeJQ-PxdPGGORx_qHNhw
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/7TeeJQ-PxdPGGORx_qHNhw
Current Status:      Cleared
=====
```

• getOutput with Success with multiple sandbox retrieved (more jobs):

```
[ale@cream-03 ~]$ glite-wms-job-output --json -i jobid_2 --noint
{"result": "success", "jobs": {"https://devel07.cnaf.infn.it:9000/hPcwSbKOjArJ_KPmrMMRdA":
[ale@cream-03 ~]$ ls -la /tmp/ale_hPcwSbKOjArJ_KPmrMMRdA
total 16
drwxr-xr-x  2 ale  ale  4096 Nov  4 11:11 .
drwxrwxrwt 14 root root  4096 Nov  4 11:11 ..
-rw-rw-r--  1 ale  ale  1654 Nov  4 11:11 .BrokerInfo
-rw-rw-r--  1 ale  ale   320 Nov  4 11:11 ls.out
[ale@cream-03 ~]$ ls -la /tmp/ale_8QfzaXm0aHOqCalIDsZnpg
total 16
drwxr-xr-x  2 ale  ale  4096 Nov  4 11:11 .
drwxrwxrwt 14 root root  4096 Nov  4 11:11 ..
-rw-rw-r--  1 ale  ale  1685 Nov  4 11:11 .BrokerInfo
-rw-rw-r--  1 ale  ale   512 Nov  4 11:11 ls.out
[ale@cream-03 ~]$ ls -la /tmp/ale_Ri0zL-FRsoJVoprK7ah5_g
total 16
drwxr-xr-x  2 ale  ale  4096 Nov  4 11:11 .
drwxrwxrwt 14 root root  4096 Nov  4 11:11 ..
-rw-rw-r--  1 ale  ale  2352 Nov  4 11:11 .BrokerInfo
-rw-rw-r--  1 ale  ale   458 Nov  4 11:11 ls.out
```


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```
[ale@cream-03 ~]$ glite-wms-job-status -v 0 -i jobid_2 --noint

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

Status info for the Job : https://devel07.cnaf.infn.it:9000/hPcwSbKOjArJ_KPmrMMRdA
Current Status:      Cleared

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

Status info for the Job : https://devel07.cnaf.infn.it:9000/8QfzaXm0aHOqCalIDsZnpg
Current Status:      Cleared

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

Status info for the Job : https://devel07.cnaf.infn.it:9000/Ri0zL-FRsoJVoprK7ah5_g
Current Status:      Cleared
=====
```

*** Log file created ***

Possible Errors and Debug messages have been printed in the following file:
/tmp/glite-wms-job-status_500_633_1288865529.log

◆ with option --pretty-print

```
[ale@cream-03 ~]$ glite-wms-job-output --json --pretty-print --noint -i jobid
{
  result: success
  jobs: {
    https://devel07.cnaf.infn.it:9000/mcP_zajaNI6ZGTNmraYboA: {
      endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
      output_available: 1
      location: /tmp/ale_mcP_zajaNI6ZGTNmraYboA
    }
    https://devel07.cnaf.infn.it:9000/doZDwXgL90OVb9qV1LUCjQ: {
      endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
      output_available: 1
      location: /tmp/ale_doZDwXgL90OVb9qV1LUCjQ
    }
    https://devel07.cnaf.infn.it:9000/ypd25dCuXqedYYdHwI7F4w: {
      endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
      output_available: 1
      location: /tmp/ale_ypd25dCuXqedYYdHwI7F4w
    }
  }
}
```

```
[ale@cream-03 ~]$ ls -la /tmp/ale_mcP_zajaNI6ZGTNmraYboA
total 24
drwxr-xr-x  2 ale  ale   4096 Nov  4 11:42 .
drwxrwxrwt 18 root root 12288 Nov  4 11:42 ..
-rw-rw-r--  1 ale  ale   1697 Nov  4 11:42 .BrokerInfo
-rw-rw-r--  1 ale  ale    465 Nov  4 11:42 ls.out
[ale@cream-03 ~]$ ls -la /tmp/ale_doZDwXgL90OVb9qV1LUCjQ
total 32
drwxr-xr-x  2 ale  ale   4096 Nov  4 11:42 .
drwxrwxrwt 18 root root 12288 Nov  4 11:42 ..
-rw-rw-r--  1 ale  ale   9049 Nov  4 11:42 .BrokerInfo
-rw-rw-r--  1 ale  ale    435 Nov  4 11:42 ls.out
[ale@cream-03 ~]$ ls -la /tmp/ale_ypd25dCuXqedYYdHwI7F4w
total 24
```

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```
drwxr-xr-x 2 ale ale 4096 Nov 4 11:42 .
drwxrwxrwt 18 root root 12288 Nov 4 11:42 ..
-rw-rw-r-- 1 ale ale 1876 Nov 4 11:42 .BrokerInfo
-rw-rw-r-- 1 ale ale 442 Nov 4 11:42 ls.out
[ale@cream-03 ~]$ glite-wms-job-status -v 0 --noint -i jobid
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/mcP_zajaNI6ZGTNmraYboA
Current Status: Cleared
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/doZDwXgL9OOVb9qV1LUCjQ
Current Status: Cleared
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/ypd25dCuXqedYYdHwI7F4w
Current Status: Cleared
=====
```

*** Log file created ***

Possible Errors and Debug messages have been printed in the following file:
/tmp/glite-wms-job-status_500_757_1288867394.log

- **getOutput without success with sandbox retrieved:**

```
[ale@cream-03 ~]$ glite-wms-job-output --json https://devel07.cnaf.infn.it:9000/k_OI1reNc5
{"result": "success", "jobs": {"https://devel07.cnaf.infn.it:9000/k_OI1reNc59LRtfQFPZX_Q":
[ale@cream-03 ~]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/k_OI1reNc59L
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/k_OI1reNc59LRtfQFPZX_Q
Current Status: Cleared
=====
```

- ◆ **with option --pretty-print**

```
[ale@cream-03 ~]$ glite-wms-job-output --json --pretty-print https://devel07.cnaf.in
{
  result: success
  jobs: {
    https://devel07.cnaf.infn.it:9000/GVGwWQ2g6pvfAgUx60eFHw: {
      endpoint:
      output_available: 0
      location: None
    }
  }
}
```

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

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/GVGwWQ2g6pvfAgUx60eFHw
Current Status: Cleared
=====
```

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getOutput of a collection of jobs:

```
[ale@cream-03 ~]$ glite-wms-job-output --json https://devel07.cnaf.infn.it:9000/OYsSNpBCnyvGpwWstM0DAw"
{"result": "success", "jobs": {"https://devel07.cnaf.infn.it:9000/OYsSNpBCnyvGpwWstM0DAw":
[ale@cream-03 ~]$ ls -la /tmp/ale_OYsSNpBCnyvGpwWstM0DAw
total 60
drwxr-xr-x 12 ale ale 4096 Nov 4 12:08 .
drwxrwxrwt 19 root root 12288 Nov 4 12:08 ..
-rw-rw-r-- 1 ale ale 1861 Nov 4 12:08 ids_nodes.map
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test1_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test2_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test3_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test4_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test5_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test6_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test7_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test8_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test9_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 12:08 Node_test_jdl
[ale@cream-03 ~]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/OYsSNpBCnyvG
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/OYsSNpBCnyvGpwWstM0DAw
Current Status: Cleared
- Nodes information for:
  Status info for the Job : https://devel07.cnaf.infn.it:9000/63OLIf01DU0ZrJmAF6WgfQ
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/Cu8dRs04zghawip1DVX3ZA
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/GM206mzYGXg8jDzmoEVbwQ
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/Ii-Q4u9ySnJ7bC_0LEwD-w
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/LvTXC0p6op86P8IwwUZ19A
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/Ndq7AN_gx6s_p4sTqaG3IQ
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/WlpEWmyAAZJrDqbK9G8u3w
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/ZlhsYYeEhqu8D9rZRJ7UYw
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/mpA7NQYeOEF_5z6NAEGSwA
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/nm2e-ns1OsUq_09h7-i8YA
  Current Status: Done (Success)
  Status info for the Job : https://devel07.cnaf.infn.it:9000/pFbt2tfzk65-a5WTHVDRtg
  Current Status: Done (Success)
=====
```

◆ with option --pretty-print

```
[ale@cream-03 ~]$ glite-wms-job-output --json --pretty-print https://devel07.cnaf.in
{
  result: success
  jobs: {
    https://devel07.cnaf.infn.it:9000/ab1VuZw7wDUwZx8dBHg6aQ: {
      endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
      output_available: 1
      location: /tmp/ale_ab1VuZw7wDUwZx8dBHg6aQ
    }
  }
}
```

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- ```
[ale@cream-03 ~]$ ls -l /tmp/ale_ab1VuZw7wDUwZx8dBHg6aQ
total 44
-rw-rw-r-- 1 ale ale 1861 Nov 4 13:39 ids_nodes.map
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test1_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test2_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test3_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test4_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test5_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test6_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test7_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test8_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test9_jdl
drwxr-xr-x 2 ale ale 4096 Nov 4 13:39 Node_test_jdl
[ale@cream-03 ~]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/ab1VuZw7wDUwZx8dBHg6aQ
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/ab1VuZw7wDUwZx8dBHg6aQ
Current Status: Cleared
- Nodes information for:
 Status info for the Job : https://devel07.cnaf.infn.it:9000/1lmmvko03Q0yWyJbUKFt
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/6XcVOrd7eYJncWtEsn3S
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/BADf5Nquq8PpMprfUoYy
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/NC-A9GK5BZGnJnYRCGBE
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/W5LnCpt6EfEe2VA2Dqo4
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/_q438yEfEzolRhQyXQiW
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/hzuB1QLoXer6vRc98Qk1
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/mnQIH0qGPcsetPWhPgS4
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/nUoRvVD-r7CNIrGVM5ZS
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/tUAa-gGY_pkf1GDitrMe
 Current Status: Done (Success)
 Status info for the Job : https://devel07.cnaf.infn.it:9000/yku0-p2_Vps_PI7V-3tv
 Current Status: Done (Success)
=====
```

- **getOutput of single nodes:**

```
[ale@cream-03 ~]$ glite-wms-job-output --json --pretty-print https://devel07.cnaf.infn.it:
{
 result: success
 jobs: {
 https://devel07.cnaf.infn.it:9000/a5P0iTZAym0AHHfN4zkLmQ: {
 endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
 output_available: 1
 location: /tmp/ale_a5P0iTZAym0AHHfN4zkLmQ
 }
 }
}
```

```
[ale@cream-03 ~]$ ls -l /tmp/ale_a5P0iTZAym0AHHfN4zkLmQ
total 4
```

```
-rw-rw-r-- 1 ale ale 264 Nov 4 12:21 ls.out
[ale@cream-03 ~]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/wvjRRMayAnxyd-TVp
```

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

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### BOOKKEEPING INFORMATION:

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/wvjRRMayAnxyd-TVp8vo3Q
Current Status: Running
Submitted: Thu Nov 4 12:13:15 2010 CET
=====
```

#### - Nodes information for:

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/NqeUeg_gcuvyy3IBSZwlgQ
Current Status: Running
Status Reason: Job successfully submitted to Globus
Destination: ce.grid.eenet.ee:2119/jobmanager-lcgpbs-dteam
Submitted: Thu Nov 4 12:13:15 2010 CET
=====
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/a5P0iTZAym0AHHfn4zkLmQ
Current Status: Cleared
Status Reason: user retrieved output sandbox
Destination: cce.ihep.ac.cn:8443/cream-pbs-dteam
Submitted: Thu Nov 4 12:13:15 2010 CET
=====
```

```
[ale@cream-03 ~]$ glite-wms-job-output --json https://devel07.cnaf.infn.it:9000/NqeUeg_gcuvyy3IBSZwlgQ
{"result": "success", "jobs": {"https://devel07.cnaf.infn.it:9000/NqeUeg_gcuvyy3IBSZwlgQ":
[ale@cream-03 ~]$ ls -l /tmp/ale_NqeUeg_gcuvyy3IBSZwlgQ
total 4
-rw-rw-r-- 1 ale ale 395 Nov 4 13:36 ls.out
[ale@cream-03 ~]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/wvjRRMayAnxyd-TVp8vo3Q
```

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

### BOOKKEEPING INFORMATION:

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/wvjRRMayAnxyd-TVp8vo3Q
Current Status: Cleared
Submitted: Thu Nov 4 12:13:15 2010 CET
=====
```

#### - Nodes information for:

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/NqeUeg_gcuvyy3IBSZwlgQ
Current Status: Cleared
Status Reason: user retrieved output sandbox
Destination: lcg-ce2.usc.cesga.es:2119/jobmanager-lcgpbs-dteam
Submitted: Thu Nov 4 12:13:15 2010 CET
=====
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/a5P0iTZAym0AHHfn4zkLmQ
Current Status: Cleared
Status Reason: user retrieved output sandbox
Destination: cce.ihep.ac.cn:8443/cream-pbs-dteam
Submitted: Thu Nov 4 12:13:15 2010 CET
=====
```

## Bug #68307 : WMS-UI: syntax error for correct JDL when substr is used FIXED

- To test this bug you need to install *glite-jdl-api-cpp-3.2.4-2.sl5* on a WMS, then try a list-match or a submission with this jdl:

```
[ale@cream-03 ~]$ cat 68307.jdl
[
Executable = "/bin/ls" ;
Arguments = "-lha " ;
Stdoutput = "ls.out" ;
OutputSandbox = { "ls.out" } ;
```

## WmsUITestsP3777 < EgeeJra1It < TWiki

```
requirements = int(substr(other.GLUECECapability[0],size("CPUScalingReferenceSI00="))) ==
VirtualOrganisation="dteam";
]
```

```
[ale@cream-03 test]$ glite-wms-job-list-match -a -e https://cream-44.pd.infn.it:7443/glite
```

```
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*                                                | *Rank* |
|-------------------------------------------------------|--------|
| - ce106.cern.ch:2119/jobmanager-lcglsf-grid_2nh_dteam | 0      |
| - ce106.cern.ch:2119/jobmanager-lcglsf-grid_dteam     | 0      |
| - ce107.cern.ch:2119/jobmanager-lcglsf-grid_2nh_dteam | 0      |
| - ce107.cern.ch:2119/jobmanager-lcglsf-grid_dteam     | 0      |
| - ce124.cern.ch:2119/jobmanager-lcglsf-grid_2nh_dteam | 0      |
| - ce124.cern.ch:2119/jobmanager-lcglsf-grid_dteam     | 0      |
| - ce125.cern.ch:2119/jobmanager-lcglsf-grid_2nh_dteam | 0      |
| - ce125.cern.ch:2119/jobmanager-lcglsf-grid_dteam     | 0      |
| - ce126.cern.ch:2119/jobmanager-lcglsf-grid_2nh_dteam | 0      |
| - ce126.cern.ch:2119/jobmanager-lcglsf-grid_dteam     | 0      |
| - ce127.cern.ch:2119/jobmanager-lcglsf-grid_2nh_dteam | 0      |
| - ce127.cern.ch:2119/jobmanager-lcglsf-grid_dteam     | 0      |

```
=====
```

## Bug #68465 : glite-wms-job-cancel produces no JSON compliant formatting FIXED

- Cancel a single job:

```
[ale@cream-03 ~]$ glite-wms-job-submit -a test.jdl
```

```
Connecting to the service https://devel14.cnaf.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/Plkq83qvM9G0UfdsbnQDrQ
```

```
=====
```

```
[ale@cream-03 ~]$ glite-wms-job-cancel --json https://devel07.cnaf.infn.it:9000/Plkq83qvM9G0UfdsbnQDrQ
{ "result": "success", "jobs": { "https://devel07.cnaf.infn.it:9000/Plkq83qvM9G0UfdsbnQDrQ": { "status": "cancelled" } } }
[ale@cream-03 ~]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/Plkq83qvM9G0UfdsbnQDrQ
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/Plkq83qvM9G0UfdsbnQDrQ
Current Status: Canceled
Destination: cale.uniandes.edu.co:8443/cream-pbs-dteam
Submitted: Tue Nov 2 16:56:10 2010 CET
```

```
=====
```

- Cancel of single job using --pretty-print option

## WmsUITestsP3777 < EgeeJra1It < TWiki

```
[ale@cream-03 ~]$ glite-wms-job-submit -a test.jdl
```

```
Connecting to the service https://devel14.cnaf.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/B4Pyutn2BU3bhbaxIUgPdA
```

```
[ale@cream-03 ~]$ glite-wms-job-cancel --json --pretty-print https://devel07.cnaf.infn.it:9000/B4
```

```
{
 result: success
 jobs: {
 https://devel07.cnaf.infn.it:9000/B4Pyutn2BU3bhbaxIUgPdA: {
 endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
 status: cancel requested
 }
 }
}
```

```
[ale@cream-03 ~]$ glite-wms-job-status https://devel07.cnaf.infn.it:9000/B4Pyutn2BU3bhbaxIUgPdA
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/B4Pyutn2BU3bhbaxIUgPdA
```

```
Current Status: Cancelled
```

```
Destination: creamce.grid.rug.nl:8443/cream-pbs-medium
```

```
Submitted: Tue Nov 2 16:58:05 2010 CET
```

### • Cancel of multiple jobs:

```
[ale@cream-03 ~]$ glite-wms-job-submit -a -o jobid test.jdl
```

```
Connecting to the service https://devel14.cnaf.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:9000/9IU8sgB_T-882aqSR8_nAQ
```

```
The job identifier has been saved in the following file:
/home/ale/jobid
```

```
[ale@cream-03 ~]$ glite-wms-job-submit -a -o jobid test.jdl
```

```
Connecting to the service https://devel14.cnaf.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:
```

## WmsUITestsP3777 < EgeeJra1It < TWiki

`https://devel07.cnaf.infn.it:9000/_eixgfYvYWoCiZ21ER4vYw`

The job identifier has been saved in the following file:  
`/home/ale/jobid`

=====

```
[ale@cream-03 ~]$ glite-wms-job-submit -a -o jobid test.jdl
```

Connecting to the service `https://devel14.cnaf.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/fAJnQQPFMqrXT1xAFXVxxg`

The job identifier has been saved in the following file:  
`/home/ale/jobid`

=====

```
[ale@cream-03 ~]$ glite-wms-job-cancel --json --noint -i jobid
```

```
{ "result": "success", "jobs": { "https://devel07.cnaf.infn.it:9000/9IU8sgB_T-882aqS
```

```
[ale@cream-03 ~]$ glite-wms-job-status -v 0 --noint -i jobid
```

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

BOOKKEEPING INFORMATION:

Status info for the Job : `https://devel07.cnaf.infn.it:9000/9IU8sgB_T-882aqSR8_nAQ`  
Current Status: Cancelled

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

BOOKKEEPING INFORMATION:

Status info for the Job : `https://devel07.cnaf.infn.it:9000/_eixgfYvYWoCiZ21ER4vYw`  
Current Status: Aborted

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

BOOKKEEPING INFORMATION:

Status info for the Job : `https://devel07.cnaf.infn.it:9000/fAJnQQPFMqrXT1xAFXVxxg`  
Current Status: Cancelled

=====

- **Cancel of multiple jobs using option `--pretty-print`:**

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --nomsg -o jobid test.jdl
```

`https://devel07.cnaf.infn.it:9000/PYxQsEgVrmHDD4IOqJj1jw`

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --nomsg -o jobid test.jdl
```

`https://devel07.cnaf.infn.it:9000/brJPQT6fohm3K3lbZ-XDRg`

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --nomsg -o jobid test.jdl
```

`https://devel07.cnaf.infn.it:9000/9tF8yxDrIKD8eUbSBcoXYg`

```
[ale@cream-03 ~]$ glite-wms-job-cancel --json --pretty-print --noint -i jobid
```

```
{
```

```
 result: success
```

```
 jobs: {
```

```
 https://devel07.cnaf.infn.it:9000/PYxQsEgVrmHDD4IOqJj1jw: {
```

```
 endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
 status: cancel requested
```

```
 }
```

```
 https://devel07.cnaf.infn.it:9000/brJPQT6fohm3K3lbZ-XDRg: {
```

```
 endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
```



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```
 status: cancel requested
 }
 https://devel07.cnaf.infn.it:9000/9tF8yxDrIKD8eUbSBcoXYg: {
 endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
 status: cancel requested
 }
}
}
```

```
[ale@cream-03 ~]$ glite-wms-job-status -v 0 --noint -i jobid
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/PYxQsEgVrmHDD4IOqJj1jw
Current Status: Scheduled
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/brJPQT6fohm3K3lbZ-XDRg
Current Status: Cancelled
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/9tF8yxDrIKD8eUbSBcoXYg
Current Status: Cancelled
=====
```

\*\*\* Log file created \*\*\*

Possible Errors and Debug messages have been printed in the following file:  
/tmp/glite-wms-job-status\_500\_21640\_1288713882.log

- **Cancel of a collection:**

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --nomsg --collection collection/
https://devel07.cnaf.infn.it:9000/k3MKhhKFhvm1GcfLS5cwlA
```

```
[ale@cream-03 ~]$ glite-wms-job-cancel --json https://devel07.cnaf.infn.it:9000/k3MKhhKFhvm1GcfLS5cwlA
```

```
{ "result": "success", "jobs": { "https://devel07.cnaf.infn.it:9000/k3MKhhKFhvm1GcfLS5cwlA": {
```

```
[ale@cream-03 ~]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/k3MKhhKFhvm1GcfLS5cwlA
```

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

```
Status info for the Job : https://devel07.cnaf.infn.it:9000/k3MKhhKFhvm1GcfLS5cwlA
Current Status: Cancelled
```

```
- Nodes information for:
```

```
 Status info for the Job : https://devel07.cnaf.infn.it:9000/9eL5KT1JxUG_eJVe9k4N4Q
```

```
 Current Status: Cancelled
```

```
 Status info for the Job : https://devel07.cnaf.infn.it:9000/vEyClv387UCVvDM2dM148Q
```

```
 Current Status: Cancelled
=====
```

- **Cancel of a collection with --pretty-print option:**

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --nomsg --collection collection/
https://devel07.cnaf.infn.it:9000/pegAcMKjqXVbrlbp0auCLw
```

```
[ale@cream-03 ~]$ glite-wms-job-cancel --json --pretty-print https://devel07.cnaf.infn.it:9000/pegAcMKjqXVbrlbp0auCLw
```

```
{
 result: success
 jobs: {
 https://devel07.cnaf.infn.it:9000/pegAcMKjqXVbrlbp0auCLw: {
 endpoint: https://devel14.cnaf.infn.it:7443/glite_wms_wmproxy_server
 status: cancel requested
 }
 }
}
```

```
}
}

[ale@cream-03 ~]$ glite-wms-job-status -v 0 https://devel07.cnaf.infn.it:9000/pegAcMKjqXVb

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

Status info for the Job : https://devel07.cnaf.infn.it:9000/pegAcMKjqXVbr1bp0auCLw
Current Status: Cleared
- Nodes information for:
 Status info for the Job : https://devel07.cnaf.infn.it:9000/NbDqnxsx4h_qYLxZggvU_w
 Current Status: Cancelled
 Status info for the Job : https://devel07.cnaf.infn.it:9000/S0-KZuWnvjyiX5a90feA9g
 Current Status: Cancelled
=====
```

## Bug #68786 : "InputSandboxBaseURI" JDL attribute work only in some circumstances... FIXED

- Submit a JDL like this one:

```
[ale@cream-03 ~]$ cat 68786.jdl
[
nodes = {
 [
 executable="/bin/ls" ;
 stdoutoutput = "std.out";
 outputsandbox= {"std.out"};
 inputsandbox={"renewal_vomses"};
 InputSandboxBaseURI="gsiftp://devel14.cnaf.infn.it:2119/tmp";
]
};
Type = "Collection" ;
requirements = other.GlueCEStateStatus == "Production" ;
rank = -other.GlueCEStateEstimatedResponseTime ;
virtualorganisation ="dteam";
]

[ale@cream-03 ~]$ glite-wms-job-submit -a 68786.jdl

Connecting to the service https://devel14.cnaf.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/BZZwYjBR1fAQXHGskqsMgA

=====
```

## Bug #69440 : json format of output isn't correct in glite-wms-job-submit FIXED

- Submit a single job:

```
[ale@cream-03 ~]$ glite-wms-job-submit -a --json test.jdl
{ "result": "success", "jobid": "https://devel07.cnaf.infn.it:9000/UU4KKhu4aX0FaeuOkv_BkA",
```

- Submit a single job using a human readable output format:



## Bug #72870 : The UI does not check type mismatch for SMPGranularity, WholeNodes and HostNumber FIXED

- To test this bug you need to install glite-jdl-api-cpp-3.2.4-2.sl5 on a WMS, then try a list-match or a submission with this jdl:

```
[
executable="/bin/sleep";
arguments="$[${RANDOM%72}]";
wholenodes = "true";
hostnumber = 4.3;
smpgranularity = 2.2;
]
```

- Check "wholenodes":

```
[ale@cream-03 ~]$ glite-wms-job-submit -a -e https://cream-44.pd.infn.it:7443/glite_wms_w
```

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

```
Warning - Unable to submit the job to the service: https://cream-44.pd.infn.it:7443/glite_
WholeNodes: wrong type caught for attribute
```

```
Method: jobSubmit
```

```
Error - Operation failed
Unable to find any endpoint where to perform service request
```

- Check "smpgranularity":

```
[ale@cream-03 ~]$ glite-wms-job-submit -a -e https://cream-44.pd.infn.it:7443/glite_wms_w
```

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

```
Warning - Unable to submit the job to the service: https://cream-44.pd.infn.it:7443/glite_
SMPGranularity: wrong type caught for attribute
```

```
Method: jobSubmit
```

```
Error - Operation failed
Unable to find any endpoint where to perform service request
```

- Check "HostNumber":

```
[ale@cream-03 ~]$ glite-wms-job-submit -a -e https://cream-44.pd.infn.it:7443/glite_wms_w
```

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

```
Warning - Unable to submit the job to the service: https://cream-44.pd.infn.it:7443/glite_
HostNumber: wrong type caught for attribute
```

```
Method: jobSubmit
```

```
Error - Operation failed
Unable to find any endpoint where to perform service request
```

## Bug #73286 : glite-wms-job-status and glite-wms-job-logging info wrongly see a corrupted help file FIXED

- glite-wms-job-status

```
[ale@cream-03 ~]$ glite-wms-job-status --help
```

```
glite-wms-job-status full help
```

```
SYNOPSIS
glite-job-status [options] <jobId>
```

options:

```
--version
--help
--config, -c <configfile>
--debug
--logfile <filepath>
--noint
--input, -i <filepath>
--output, -o <filepath>
--all
--config-vo <configfile>
--verbosity, -v <level>
--from <[MM:DD:]hh:mm:[CC]YY>
--to <[MM:DD:]hh:mm:[CC]YY>
--user-tag <<tag name>=<tag value>>
--status, -s <<status code>>
--exclude, -e <<status code>>
--nonodes
```

DESCRIPTION

This command prints the status of a job previously submitted using glite-job-submit. The job status request is sent to the LB that provides the requested information. This can be done during the whole job life.

glite-job-status can monitor one or more jobs: the jobs to be checked are identified by one or more

OPTIONS

```
--version
displays UI version.
```

```
--help
displays command usage
```

```
--config, -c <configfile>
if the command is launched with this option, the configuration file pointed by configfile is used
```

```
--debug
When this option is specified, debugging information is displayed on the standard output and written to the logfile.
The default UI logfile location is:
glite-wms-job-<command_name>_<uid>_<pid>_<time>.log located under the /var/tmp directory
please notice that this path can be overridden with the '--logfile' option
```

```
--logfile <filepath>
when this option is specified, all information is written into the specified file pointed by filepath.
This option will override the default location of the logfile:
glite-wms-job-<command_name>_<uid>_<pid>_<time>.log located under the /var/tmp directory
```

```
--noint
```

Bug #73286 : glite-wms-job-status and glite-wms-job-logging info wrongly see a corrupted help file FIXED

## WmsUITestsP3777 < EgeeJra1It < TWiki

if this option is specified, every interactive question to the user is skipped and the operation

`--input, -i <filepath>`

Allow the user to select the JobId(s) from an input file located in filepath.

The list of jobIds contained in the file is displayed and the user is prompted for a choice. Sing

Ranges can also be selected specifying ends separated by a dash. E.g. selects jobIds in the list

When specified together with '--noint', all available JobId are selected.

This option cannot be used when one or more jobIds have been specified as extra command argument

`--output, -o <filepath>`

writes the results of the operation in the file specified by filepath instead of the standard out

`--all`

displays status information about all job owned by the user submitting the command. This option o

either if one or more jobIds have been specified or if the --input option has been specified. All

listed in the vo-specific UI configuration file \$GLITE\_WMS\_LOCATION/etc/<vo\_name>/glite\_wmsui.com

fulfil this request.

`--config-vo <configfile>`

if the command is launched with this option, the VO-specific configuration file pointed by config

`--verbosity, -v <level>`

sets the detail level of information about the job displayed to the user. Possible values for ver

`--from <[MM:DD:]hh:mm[:[CC]YY]>`

makes the command query LB for jobs that have been submitted (more precisely entered the "Submitt

If only hours and minutes are specified then the current day is taken into account. If the year i

`--to <[MM:DD:]hh:mm[:[CC]YY]>`

makes the command query LB for jobs that have been submitted (more precisely entered the "Submitt

If only hours and minutes are specified then the current day is taken into account.

If the year is not specified then the current year is taken into account.

`--user-tag <<tag name>=<tag value>>`

makes the command include only jobs that have defined specified usertag name and value

`--status, -s <<status code>>`

makes the command query LB for jobs that are in the specified status.

The status value can be either an integer or a (case insensitive) string; the following possible

UNDEF (0), SUBMITTED(1), WAITING(2), READY(3), SCHEDULED(4), RUNNING(5), DONE(6), CLEARED(7), ABO

UNKNOWN(10), PURGED(11).

This option can be repeated several times, all status conditions will be considered as in a logic

(i.e. `-s SUBMITTED --status 3` will query all jobs that are either in SUBMITTED or in READY stat

`--exclude, -e <<status code>>`

makes the command query LB for jobs that are NOT in the specified status.

The status value can be either an integer or a (case insensitive) string; the following possible

UNDEF (0), SUBMITTED(1), WAITING(2), READY(3), SCHEDULED(4), RUNNING(5), DONE(6), CLEARED(7), ABO

UNKNOWN(10), PURGED(11).

This option can be repeated several times, all status conditions will be considered as in a logic

(i.e. `-e SUBMITTED --exclude 3` will query all jobs that are neither in SUBMITTED nor in READY s

`--nonodes`

This option will not display any information of (if present) sub jobs of any dag, only requested

### ENVIRONMENT

`GLITE_WMSUI_CONFIG_VAR`: This variable may be set to specify the path location of the custom defa

`GLITE_WMSUI_CONFIG_VO`: This variable may be set to specify the path location of the VO-specific o

`GLITE_WMS_LOCATION`: This variable must be set when the Glite WMS installation is not located in

`GLITE_LOCATION`: This variable must be set when the Glite installation is not located in the defau

**Bug #73286 : glite-wms-job-status and glite-wms-job-logging info wrongly see a corrupted help fil@FIXED**

## WmsUITestsP3777 < EgeeJra1It < TWiki

GLIBUS\_LOCATION: This variable must be set when the Globus installation is not located in the default location. It is taken into account only by submission and get-output commands

GLIBUS\_TCP\_PORT\_RANGE="`<val min> <val max>`" This variable must be set to define a range of ports. It is taken into account only by submission of interactive jobs and attach commands

X509\_CERT\_DIR: This variable may be set to override the default location of the trusted certificates

X509\_USER\_PROXY: This variable may be set to override the default location of the user proxy credential

### FILES

One of the following paths must exist (sought with the specified order):

- \$GLITE\_WMS\_LOCATION/etc/
- \$GLITE\_LOCATION/etc/
- /opt/glite/etc/
- /usr/local/etc/
- /etc/

and contain the following UI configuration files:

glite\_wmsui\_cmd\_var.conf, glite\_wmsui\_cmd\_err.conf, glite\_wmsui\_cmd\_help.conf, `<voName>/glite_wmsui.conf`

- glite\_wmsui\_cmd\_var.conf will contain custom configuration default values

A different configuration file may be specified either by using the `--config` option or by setting the `GLITE_WMSUI_CMD_VAR` environment variable. here follows a possible example:

```
[
RetryCount = 3 ;
ErrorStorage= "/tmp" ;
OutputStorage="/tmp";
ListenerStorage = "/tmp" ;
LoggingTimeout = 30 ;
LoggingSyncTimeout = 30 ;
NSLoggerLevel = 0;
DefaultStatusLevel = 1 ;
DefaultLogInfoLevel = 1;
]
```

- glite\_wmsui\_cmd\_err.conf will contain UI exception mapping between error codes and error messages

- glite\_wmsui\_cmd\_help.conf will contain UI long-help information (no relocation possible)

- `<voName>/glite_wmsui.conf` will contain User VO-specific attributes.

A different configuration file may be specified either by using the `--config-vo` option or by setting the `GLITE_WMSUI_CMD_VO` environment variable. here follows a possible example:

```
[
LBAddresses = { "tigerman.cnaf.infn.it:9000" };
VirtualOrganisation = "egee";
NSAddresses = { "tigerman.cnaf.infn.it:7772" }
]
```

Besides those files, a valid proxy must be found inside the following path:

`/tmp/x509up_u<uid>` ( use the `X509_USER_PROXY` environment variable to override the default location)

### AUTHORS

Alessandro Maraschini (egee@datamat.it)

- **glite-wms-job-logging-info**

```
[ale@cream-03 ~]$ glite-wms-job-logging-info --help
```

```
glite-wms-job-logging-info full help
```

**Bug #73286 : glite-wms-job-status and glite-wms-job-logging info wrongly see a corrupted help file** **FIXED**

## WmsUITestsP3777 < EgeeJra1It < TWiki

### SYNOPSIS

glite-job-logging-info [options] <jobId>

### options:

```
--version
--help
--config, -c <configfile>
--debug
--logfile <filepath>
--noint
--input, -i <filepath>
--output, -o <filepath>
--config-vo <configfile>
--verbosity, -v <level>
--from <[MM:DD:]hh:mm[:[CC]YY]>
--to <[MM:DD:]hh:mm[:[CC]YY]>
--user-tag <<tag name>=<tag value>>
--event <<event code>>
--exclude, -e <<event code>>
```

### DESCRIPTION

This command queries the LB persistent DB for logging information about jobs previously submitted. The job logging information are stored permanently by the LB service and can be retrieved also af

### OPTIONS

--version  
displays UI version.

--help  
displays command usage

--config, -c <configfile>  
if the command is launched with this option, the configuration file pointed by configfile is used

--debug  
When this option is specified, debugging information is displayed on the standard output and written to the logfile. The default UI logfile location is:  
glite-wms-job-<command\_name>\_<uid>\_<pid>\_<time>.log located under the /var/tmp directory  
please notice that this path can be overridden with the '--logfile' option

--logfile <filepath>  
when this option is specified, all information is written into the specified file pointed by filepath. This option will override the default location of the logfile:  
glite-wms-job-<command\_name>\_<uid>\_<pid>\_<time>.log located under the /var/tmp directory

--noint  
if this option is specified, every interactive question to the user is skipped and the operation is performed non-interactive.

--input, -i <filepath>  
Allow the user to select the JobId(s) from an input file located in filepath. The list of jobIds contained in the file is displayed and the user is prompted for a choice. Single jobIds can also be selected specifying ends separated by a dash. E.g. selects jobIds in the list '123456789'. When specified together with '--noint', all available JobId are selected. This option cannot be used when one or more jobIds have been specified as extra command argument.

--output, -o <filepath>  
writes the results of the operation in the file specified by filepath instead of the standard output.

--config-vo <configfile>  
if the command is launched with this option, the VO-specific configuration file pointed by configfile is used.

--verbosity, -v <level>

**Bug #73286 : glite-wms-job-status and glite-wms-job-logging info wrongly see a corrupted help file. FIXED**



## WmsUITestsP3777 < EgeeJra1It < TWiki

sets the detail level of information about the job displayed to the user. Possible values for ver

--from <[MM:DD:]hh:mm[:[CC]YY]>

makes the command query LB for jobs that have been submitted (more precisely entered the "Submitt  
If only hours and minutes are specified then the current day is taken into account. If the year is

--to <[MM:DD:]hh:mm[:[CC]YY]>

makes the command query LB for jobs that have been submitted (more precisely entered the "Submitt  
If only hours and minutes are specified then the current day is taken into account.

If the year is not specified then the current year is taken into account.

--user-tag <<tag name>=<tag value>>

makes the command include only jobs that have defined specified usertag name and value

--event <<event code>>

makes the command query specified events for requested jobid(s)

The event code can be either an integer or a (case insensitive) string; the following possible va  
UNDEF, TRANSFER, ACCEPTED, REFUSED, ENQUEUED, DEQUEUED, HELPERCALL, HELPERRETURN, RUNNING, RESUBM  
CANCEL, ABORT, CLEAR, PURGE, MATCH, PENDING, REGJOB, CHKPT, LISTENER, CURDESCR, USERTAG, CHANGEAC  
RESOURCEUSAGE, REALLYRUNNING

This option can be repeated several times, all event conditions will be considered as in a logica

(i.e. --event PURGE --event 4 will query, for specified jobid(s), all PURGE and ENQUEUED event

--exclude, -e <<event code>>

makes the command exclude specified events for requested jobid(s)

The event code can be either an integer or a (case insensitive) string; the following possible va  
UNDEF, TRANSFER, ACCEPTED, REFUSED, ENQUEUED, DEQUEUED, HELPERCALL, HELPERRETURN, RUNNING, RESUBM  
CANCEL, ABORT, CLEAR, PURGE, MATCH, PENDING, REGJOB, CHKPT, LISTENER, CURDESCR, USERTAG, CHANGEAC  
RESOURCEUSAGE, REALLYRUNNING

This option can be repeated several times, all event conditions will be considered as in a logica

(i.e. -e PURGE --exclude 4 will query, for specified jobid(s), all events BUT PURGE and ENQUEUE

### ENVIRONMENT

GLITE\_WMSUI\_CONFIG\_VAR: This variable may be set to specify the path location of the custom defa

GLITE\_WMSUI\_CONFIG\_VO: This variable may be set to specify the path location of the VO-specific c

GLITE\_WMS\_LOCATION: This variable must be set when the Glite WMS installation is not located in

GLITE\_LOCATION: This variable must be set when the Glite installation is not located in the defau

GLOBUS\_LOCATION: This variable must be set when the Globus installation is not located in the def  
It is taken into account only by submission and get-output commands

GLOBUS\_TCP\_PORT\_RANGE="<val min> <val max>" This variable must be set to define a range of ports  
It is taken into account only by submission of interactive jobs and attach commands

X509\_CERT\_DIR: This variable may be set to override the default location of the trusted certifica

X509\_USER\_PROXY: This variable may be set to override the default location of the user proxy cred

### FILES

One of the following paths must exist (seeked with the specified order):

- \$GLITE\_WMS\_LOCATION/etc/
- \$GLITE\_LOCATION/etc/
- /opt/glite/etc/
- /usr/local/etc/
- /etc/

and contain the following UI configuration files:

glite\_wmsui\_cmd\_var.conf, glite\_wmsui\_cmd\_err.conf, glite\_wmsui\_cmd\_help.conf, <voName>/glite\_wms

**Bug #73286 : glite-wms-job-status and glite-wms-job-logging info wrongly see a corrupted help file ~~2~~FIXED**

## WmsUITestsP3777 < EgeeJra1It < TWiki

- glite\_wmsui\_cmd\_var.conf will contain custom configuration default values  
A different configuration file may be specified either by using the --config option or by setting  
here follows a possible example:

```
[
RetryCount = 3 ;
ErrorStorage= "/tmp" ;
OutputStorage="/tmp";
ListenerStorage = "/tmp" ;
LoggingTimeout = 30 ;
LoggingSyncTimeout = 30 ;
NSLoggerLevel = 0;
DefaultStatusLevel = 1 ;
DefaultLogInfoLevel = 1;
]
```

- glite\_wmsui\_cmd\_err.conf will contain UI exception mapping between error codes and error messages

- glite\_wmsui\_cmd\_help.conf will contain UI long-help information (no relocation possible)

- <voName>/glite\_wmsui.conf will contain User VO-specific attributes.

A different configuration file may be specified either by using the --config-vo option or by setting  
here follows a possible example:

```
[
LBAddresses = { "tigerman.cnaf.infn.it:9000" };
VirtualOrganisation = "egee";
NSAddresses = { "tigerman.cnaf.infn.it:7772" }
]
```

Besides those files, a valid proxy must be found inside the following path:

/tmp/x509up\_u<uid> ( use the X509\_USER\_PROXY environment variable to override the default location)

### AUTHORS

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-- ElisabettaMolinari - 2010-07-06

---

This topic: EgeeJra1It > WmsUITestsP3777

Topic revision: r33 - 2010-11-12 - AlessioGianelle



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