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# Testing report: IGIRTC #77

## Summary

- Product: **UI 2.0.0**
- Release Task: Task #23322
- ETICS Subsystem Configuration Name: emi-wms-ui\_R\_3\_4\_0\_4 emi-cream-ui\_R\_1\_14\_0\_4 emi-jdl\_R\_3\_3\_0\_3 emi-misc\_R\_2\_rc4
- VCS Tag: glite-wms-brokerinfo-access\_R\_3\_4\_0\_4 glite-wms-wmproxy-api-cpp\_R\_3\_4\_0\_4 glite-wms-wmproxy-api-java\_R\_3\_4\_0\_4 glite-wms-wmproxy-api-python\_R\_3\_4\_0\_4 glite-wms-ui-api-python\_R\_3\_4\_0\_5 glite-wms-ui-commands\_R\_3\_4\_0\_4 glite-ce-monitor-client-api-c\_R\_1\_14\_0\_4 glite-ce-cream-cli\_R\_1\_14\_0\_4 glite-ce-cream-client-api-c\_R\_1\_14\_0\_4 glite-jdl-api-cpp\_R\_3\_3\_0\_3 glite-wms-utils-classad\_R\_3\_3\_0\_2 glite-wms-utils-exception\_R\_3\_3\_0\_2
- EMI Major Release: EMI 2 (Matterhorn)
- Platform: SL5/SL6 epel
- Author: Alessio Gianelle
- Testing report: -
- Certification report: -
- Date: 30st April 2012
- Outcome: DONE

## Deployment tests

### Clean Installation

- SL5 Install log file
- SL6 Install log file

### Upgrade Installation

- SL5 Update log file

## CREAM command line tests

### Know problem

- option **--logfile** doesn't work as expected (see bug #93768 )
- purging an already purged job doesn't return any error message (see bug #94264 )

### SL5

- Test log for LSF CE - EMI1
- Test log for Torque CE - EMI2\_RC

### SL6

- Test log for LSF CE - EMI2\_RC
- Test log for Torque CE - EMI1

## WMS command line tests

### Know problem

- Command glite-wms-job-logging-info

Test 9: Check --input option

```
==> ERROR: Command glite-wms-job-logging-info --noint --config /home/gianelle/WMS-cli/WMScli-Test
File "/usr/bin/glite-wms-job-logging-info", line 240, in ?
    sys_exit , jobs, strjobs =wmsui_api.getJobIdfromFile(inFile)
TypeError: getJobIdfromFile() takes exactly 2 arguments (1 given)
```

### SL5

- Test log file (Complete log file tgz)

### SL6

- Test log file (Complete log file tgz)

## Regression tests

### Bug #87444 - SL5 FIXED

```
[capannini@emitestbed16 ~]$ glite-wms-job-list-match --help
```

```
WMS User Interface version 3.3.3
Copyright (C) 2008 by ElSagDatamat SpA
```

```
Usage: glite-wms-job-list-match <delegation-opts> [options] <jdl_file>
```

delegation-opts:

```
--delegationid, -d <id_string>
--autm-delegation, -a
```

options:

```
--help
--version

--endpoint, -e <service_URL>
--rank
--config, -c <file_path>
--vo <vo_name>
--output, -o <file_path>
--noint
--json
--pretty-print
--debug
--logfile <file_path>
```

Please report any bug at:  
alvise.dorigo@pd.infn.it

### Bug #87444 - SL6 FIXED

```
[capannini@emitestbed24 ~]$ glite-wms-job-list-match --help
```

```
WMS User Interface version 3.3.3
Copyright (C) 2008 by ElSagDatamat SpA
```

Usage: glite-wms-job-list-match <delegation-opts> [options] <jdl\_file>

delegation-opts:

--delegationid, -d <id\_string>  
--autm-delegation, -a

options:

--help  
--version  
  
--endpoint, -e <service\_URL>  
--rank  
--config, -c <file\_path>  
--vo <vo\_name>  
--output, -o <file\_path>  
--noint  
--json  
--pretty-print  
--debug  
--logfile <file\_path>

Please report any bug at:  
alvise.dorigo@pd.infn.it

### Bug #94293 - SL5 FIXED

```
[capannini@emitestbed16 ~]$ glite-wms-job-output --output  
glite-wms-job-output: unrecognized option '--output'
```

WMS User Interface version 3.3.3  
Copyright (C) 2008 by ElSagDatamat SpA

Usage: glite-wms-job-output [options] <job Id(s)>

options:

--help  
--version  
  
--input, -i <file\_path>  
--dir <directory\_path>  
--proto <protocol>  
--config, -c <file\_path>  
--vo <vo\_name>  
--list-only  
--nosubdir  
--noint  
--nopurge, -n  
--json  
--pretty-print  
--debug  
--logfile <file\_path>

Please report any bug at:  
alvise.dorigo@pd.infn.it

### Bug #94293 - SL6 FIXED

```
[capannini@emitestbed24 ~]$ glite-wms-job-output --output  
glite-wms-job-output: unrecognized option '--output'
```

WMS User Interface version 3.3.3  
Copyright (C) 2008 by ElSagDatamat SpA

Usage: glite-wms-job-output [options] <job Id(s)>

### Bug #87444 - SL6 FIXED

```

options:
  --help
  --version

  --input, -i    <file_path>
  --dir          <directory_path>
  --proto        <protocol>
  --config, -c   <file_path>
  --vo           <vo_name>
  --list-only
  --nosubdir
  --noint
  --nopurge, -n
  --json
  --pretty-print
  --debug
  --logfile      <file_path>

```

Please report any bug at:  
 alvise.dorigo@pd.infn.it

### Bug #82995 - SL5 --PRETTY-PRINT NOT IMPLEMENTED

```

[capannini@emitestbed16 ~]$ glite-wms-job-status --json https://emitb1.ics.muni.cz:9000/Ovzys28cr
{ "result": "success" , "https://emitb1.ics.muni.cz:9000/Ovzys28cr3PRmxEC1aJEOA": { "Current Stat
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$ glite-wms-job-status --pretty-print https://emitb1.ics.muni.cz:9000/O

```

```

**** Error: UI_WRONG_OPT ****
Option "--pretty-print" not allowed

```

WMS User Interface version 3.3.3  
 Copyright (C) 2003 by DATAMAT SpA

Usage: glite-wms-job-status [options] <job Id(s)>

```

Options:
  --help
  --version

  --all
  --input, -i      <input file>
  --verbosity      [0|1|2|3]
  --from           [MM:DD:]hh:mm[:[CC]YY]
  --to             [MM:DD:]hh:mm[:[CC]YY]
  --config, -c     <config file>
  --user-tag       <tag name>=<tag value>
  --status, -s     <status value>
  --exclude, -e    <exclude value>
  --vo             <vo value>
  --output, -o     <output file>
  --noint
  --nonodes
  --debug
  --logfile        <logfile file>
  --json

```

Please report any bug at:  
 job management <glite-jobmgmt-devel@lists.infn.it>

**Bug #82995 - SL6 --PRETTY-PRINT NOT IMPLEMENTED**

```
[capannini@emitestbed24 ~]$ glite-wms-job-status --json https://emitb1.ics.muni.cz:9000/Ovzys28cr
```

```
{ "result": "success" , "https://emitb1.ics.muni.cz:9000/Ovzys28cr3PRmxEC1aJE0A": { "Current Stat
[capannini@emitestbed24 ~]$
```

```
[capannini@emitestbed24 ~]$ glite-wms-job-status --pretty-print https://emitb1.ics.muni.cz:9000/O
```

```
**** Error: UI_WRONG_OPT ****
```

```
Option "--pretty-print" not allowed
```

```
WMS User Interface version 3.3.3
```

```
Copyright (C) 2003 by DATAMAT SpA
```

```
Usage: glite-wms-job-status [options] <job Id(s)>
```

```
Options:
```

```
--help
```

```
--version
```

```
--all
```

```
--input, -i <input file>
```

```
--verbosity [0|1|2|3]
```

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

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

```
--config, -c <config file>
```

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

```
--status, -s <status value>
```

```
--exclude, -e <exclude value>
```

```
--vo <vo value>
```

```
--output, -o <output file>
```

```
--noint
```

```
--nonodes
```

```
--debug
```

```
--logfile <logfile file>
```

```
--json
```

```
Please report any bug at:
```

```
job management <glite-jobmgmt-devel@lists.infn.it>
```

**Bug #69397 - SL5 FIXED**

```
[capannini@emitestbed16 ~]$ glite-wms-job-submit --json -a -c wms_cert-08.conf 1.jdl
```

```
{"result": "success", "jobid": "https://emitb1.ics.muni.cz:9000/9FEa34mzUEhipj-pJE3ErQ", "endpoi
```

```
[capannini@emitestbed16 ~]$
```

```
[capannini@emitestbed16 ~]$ glite-wms-job-submit --json --pretty-print -a -c wms_cert-08.conf 1.j
```

```
{
  result: success
  jobid: https://emitb1.ics.muni.cz:9000/O8gBTRP3C01mpAQDhqXkw
  endpoint: https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
}
```

```
[capannini@emitestbed16 ~]$ glite-wms-job-cancel --json https://emitb1.ics.muni.cz:9000/9FEa34mzU
```

```
{ "result": "success", "jobs": { "https://emitb1.ics.muni.cz:9000/9FEa34mzUEhipj-pJE3ErQ":
```

```
[capannini@emitestbed16 ~]$ glite-wms-job-cancel --json --pretty-print https://emitb1.ics.muni.cz
```

```
{
  result: success
  jobs: {
    https://emitb1.ics.muni.cz:9000/O8gBTRP3C01mpAQDhqXkw: {
      endpoint: https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
      status: cancel requested
    }
  }
}
```

**Bug #69397 - SL6 FIXED**

```
[capannini@emitestbed24 ~]$ glite-wms-job-submit --json -a -c wms_cert-08.conf 1.jdl
{"result": "success", "jobid": "https://emitb1.ics.muni.cz:9000/K4dI3dkuNGH7fodULunCRA", "endpoint": "https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server"}
[capannini@emitestbed24 ~]$ glite-wms-job-submit --json --pretty-print -a -c wms_cert-08.conf 1.jdl
{
  result: success
  jobid: https://emitb1.ics.muni.cz:9000/fKBvgj9WjUxNRteflywx1A
  endpoint: https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
}

[capannini@emitestbed24 ~]$ glite-wms-job-cancel --json https://emitb1.ics.muni.cz:9000/K4dI3dkuNGH7fodULunCRA
{"result": "success", "jobs": {"https://emitb1.ics.muni.cz:9000/K4dI3dkuNGH7fodULunCRA": {"https://emitb1.ics.muni.cz:9000/fKBvgj9WjUxNRteflywx1A": {"endpoint": "https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server", "status": "cancel requested"}}}}
[capannini@emitestbed24 ~]$ glite-wms-job-cancel --json --pretty-print https://emitb1.ics.muni.cz:9000/K4dI3dkuNGH7fodULunCRA
{
  result: success
  jobs: {
    https://emitb1.ics.muni.cz:9000/fKBvgj9WjUxNRteflywx1A: {
      endpoint: https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
      status: cancel requested
    }
  }
}
```

**Bug #72952 (#68052) - SL5 FIXED**

```
[capannini@emitestbed16 ~]$ glite-wms-job-output --json --pretty-print --dir ./ https://emitb1.ics.muni.cz:9000/OMxLQWEPLNYDe-5DrWbMoQ
{"result": "success", "jobs": {"https://emitb1.ics.muni.cz:9000/OMxLQWEPLNYDe-5DrWbMoQ": {"endpoint": "https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server", "output_available": 1, "location": "/home/capannini/capannini_OMxLQWEPLNYDe-5DrWbMoQ"}, {"https://emitb1.ics.muni.cz:9000/b2ER_YHeUTUft-mYEx47xQ": {"endpoint": "https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server", "output_available": 1, "location": "/home/capannini/capannini_b2ER_YHeUTUft-mYEx47xQ"}}}
```

```
[capannini@emitestbed16 ~]$ glite-wms-job-output --json --pretty-print --dir ./ https://emitb1.ics.muni.cz:9000/wL55rp507872Cy72z6QJaw
{"result": "success", "jobs": {"https://emitb1.ics.muni.cz:9000/wL55rp507872Cy72z6QJaw": {"endpoint": "https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server", "output_available": 0, "location": "None"}, {"https://emitb1.ics.muni.cz:9000/f1tkqbNjM3T-Vk3kq5aWKQ": {"endpoint": "https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server", "output_available": 0, "location": "None"}, {"https://emitb1.ics.muni.cz:9000/0zNCCGIhVSBz_rPNs0UDMw": {"endpoint": "https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server", "output_available": 0, "location": "None"}}}
```

## Task23322 < IGIRelease < TWiki

```
https://emitb1.ics.muni.cz:9000/DGYjebU1NXPGilZC3C1JA: {
  endpoint:
  output_available: 0
  location: None
}

https://emitb1.ics.muni.cz:9000/hJmJ6Hd0lkryAIptx7oteA: {
  endpoint:
  output_available: 0
  location: None
}
}
```

### Bug #72952 (#68052) - SL6 FIXED

```
[capannini@emitestbed24 ~]$ glite-wms-job-output --json --pretty-print --dir ./ https://emitb1.ics.muni.cz:9000/hfR5qqRP3EDydZ4QAdCdnA: {
{
  result: success
  jobs: {
    https://emitb1.ics.muni.cz:9000/hfR5qqRP3EDydZ4QAdCdnA: {
      endpoint: https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
      output_available: 1
      location: /home/capannini/capannini_hfR5qqRP3EDydZ4QAdCdnA
    }

    https://emitb1.ics.muni.cz:9000/zoBrCxwgJgqo4tVVLZlFdA: {
      endpoint: https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
      output_available: 1
      location: /home/capannini/capannini_zoBrCxwgJgqo4tVVLZlFdA
    }
  }
}
}
```

```
[capannini@emitestbed24 ~]$
[capannini@emitestbed24 ~]$ glite-wms-job-output --json --pretty-print --dir ./ https://emitb1.ics.muni.cz:9000/klq4jHbmgN_NNTQFtB8wWg: {
{
  result: success
  jobs: {
    https://emitb1.ics.muni.cz:9000/klq4jHbmgN_NNTQFtB8wWg: {
      endpoint:
      output_available: 0
      location: None
    }

    https://emitb1.ics.muni.cz:9000/0vnN7zsbcdasfjdurndA: {
      endpoint:
      output_available: 0
      location: None
    }
  }
}
}
```

### Bug #69290 - SL5 FIXED

```
[capannini@emitestbed16 ~]$ glite-wms-job-cancel --json https://emitb1.ics.muni.cz:9000/9FEa34mzUEhipj-pJE3ErQ: {
{
  "result": "success",
  "jobs": { "https://emitb1.ics.muni.cz:9000/9FEa34mzUEhipj-pJE3ErQ": {
[capannini@emitestbed16 ~]$ glite-wms-job-cancel --json --pretty-print https://emitb1.ics.muni.cz:9000/08gBTRP3C01mpAQDhqXkw: {
{
  result: success
  jobs: {
    https://emitb1.ics.muni.cz:9000/08gBTRP3C01mpAQDhqXkw: {
      endpoint: https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
      status: cancel requested
    }
  }
}
```

### Bug #72952 (#68052) - SL5 FIXED



```
}
}
```

### Bug #69290 - SL6 FIXED

```
[capannini@emitestbed24 ~]$ glite-wms-job-cancel --json https://emitb1.ics.muni.cz:9000/K4dI3dkuN
{  "result": "success",    "jobs": { "https://emitb1.ics.muni.cz:9000/K4dI3dkuNGH7fodULunCRA":
[capannini@emitestbed24 ~]$ glite-wms-job-cancel --json --pretty-print https://emitb1.ics.muni.cz
{
  result: success
  jobs: {
    https://emitb1.ics.muni.cz:9000/fKBvgj9WjUxNRteflywx1A: {
      endpoint: https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
      status: cancel requested
    }
  }
}
}
```

### Bug #82779 CMS PROXY REQUIRED FOR THE TEST

### Bug #85063 - SL5 FIXED

```
[capannini@emitestbed16 ~]$ glite-wms-job-status https://emitb1.ics.muni.cz:9000/0bKyw2hxQHYG8-11
```

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

```
Status info for the Job : https://emitb1.ics.muni.cz:9000/0bKyw2hxQHYG8-11-Zws9g
Current Status:      Cleared
Status Reason:      timed out, resource purge forced
Destination:        cert-07.cnaf.infn.it:8443/cream-pbs-demo
Submitted:          Mon May  7 18:03:49 2012 CEST
=====
```

```
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$ glite-wms-job-status -v 2 https://emitb1.ics.muni.cz:9000/0bKyw2hxQHY
```

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

```
Status info for the Job : https://emitb1.ics.muni.cz:9000/0bKyw2hxQHYG8-11-Zws9g
Current Status:      Cleared
Status Reason:      timed out, resource purge forced
Destination:        cert-07.cnaf.infn.it:8443/cream-pbs-demo
Submitted:          Mon May  7 18:03:49 2012 CEST
---
```

```
- Cancelling                = 0
- Ce node                    = emitestbed17.cnaf.infn.it
- Children num               = 0
- Condor job exit status     = 0
- Condor job pid             = 0
- Condor shadow exit status  = 0
- Condor shadow pid         = 0
- Condor starter exit status = 0
- Condor starter pid        = 0
- Cputime                    = -1
- Destination                = cert-07.cnaf.infn.it:8443/cream-pbs-demo
- Done code                  = 0
- Expectupdate               = 0
- Jobtype                    = 0
- Lastupdatetime             = Mon May  7 18:05:44 2012 CEST
```

### Bug #69290 - SL5 FIXED

## Task23322 < IGIRelease < TWiki

```
- Location = none
- Network server = https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
- Owner = /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
- Payload running = 0
- Pbs exit status = 0
- Pbs pid = 0
- Possible ce nodes = emitestbed17.cnaf.infn.it
- Possible destinations = cert-07.cnaf.infn.it:8443/cream-pbs-demo
- Resubmitted = 0
- Stateentertime = Mon May 7 18:05:44 2012 CEST
- Subjob failed = 0
- Suspended = 0
- User tags = ceinfohostname=cert-07.cnaf.infn.it;
- Remove from proxy = 1
- Ui host = emitestbed16.cnaf.infn.it
- Sandbox retrieved = 2
- Jw status = 3
- Cream cancelling = 0
- Cream cpu time = 0
- Cream done code = -1
- Cream exit code = -1
- Cream jw status = -1
- Cream state = -1
- Ft sandbox type = -1
```

### ===== **Bug #85063 - SL6 FIXED**

```
[capannini@emitestbed24 ~]$ glite-wms-job-status https://emitb1.ics.muni.cz:9000/0bKyw2hxQHYG8-11
```

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

```
Status info for the Job : https://emitb1.ics.muni.cz:9000/0bKyw2hxQHYG8-11-Zws9g
Current Status:      Cleared
Status Reason:      timed out, resource purge forced
Destination:        cert-07.cnaf.infn.it:8443/cream-pbs-demo
Submitted:          Mon May 7 18:03:49 2012 CEST
=====
```

```
[capannini@emitestbed24 ~]$
[capannini@emitestbed24 ~]$ glite-wms-job-status -v 2 https://emitb1.ics.muni.cz:9000/0bKyw2hxQHYG8-11
```

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

```
Status info for the Job : https://emitb1.ics.muni.cz:9000/0bKyw2hxQHYG8-11-Zws9g
Current Status:      Cleared
Status Reason:      timed out, resource purge forced
Destination:        cert-07.cnaf.infn.it:8443/cream-pbs-demo
Submitted:          Mon May 7 18:03:49 2012 CEST
---
```

```
- Cancelling = 0
- Ce node = emitestbed17.cnaf.infn.it
- Children num = 0
- Condor job exit status = 0
- Condor job pid = 0
- Condor shadow exit status = 0
- Condor shadow pid = 0
- Condor starter exit status = 0
- Condor starter pid = 0
- Cputime = -1
```

### **Bug #85063 - SL5 FIXED**

## Task23322 < IGIRelease < TWiki

```
- Destination = cert-07.cnaf.infn.it:8443/cream-pbs-demo
- Done code = 0
- Expectupdate = 0
- Jobtype = 0
- Lastupdate time = Mon May 7 18:05:44 2012 CEST
- Location = none
- Network server = https://cert-08.cnaf.infn.it:7443/glite_wms_wmproxy_server
- Owner = /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
- Payload running = 0
- Pbs exit status = 0
- Pbs pid = 0
- Possible ce nodes = emitestbed17.cnaf.infn.it
- Possible destinations = cert-07.cnaf.infn.it:8443/cream-pbs-demo
- Resubmitted = 0
- Stateentertime = Mon May 7 18:05:44 2012 CEST
- Subjob failed = 0
- Suspended = 0
- User tags = ceinfohostname=cert-07.cnaf.infn.it;
- Remove from proxy = 1
- Ui host = emitestbed16.cnaf.infn.it
- Sandbox retrieved = 2
- Jw status = 3
- Cream cancelling = 0
- Cream cpu time = 0
- Cream done code = -1
- Cream exit code = -1
- Cream jw status = -1
- Cream state = -1
- Ft sandbox type = -1
```

=====

## STORM command line tests

### Know problem

- You need to set environment variable: **SRM\_PATH** for the srm\* commands: *export SRM\_PATH=/usr/share/srm*

```
[gianelle@emitestbed16 ~]$ srmrmdir -h
SRM_PATH is not set
```

### SL5

- Test log file (Complete log file)

### SL6

- Test log file (Complete log file)

---

This topic: IGIRelease > Task23322

Topic revision: r11 - 2012-05-07 - FabioCapannini



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