

## cream-test-notified-submit

### NAME

cream-test-notified-submit - submit a sequence of jobs and wait for notifications

### SYNOPSIS

cream-test-notified-submit [OPTION] -R | --resourceURI RESOURCEURI

### DESCRIPTION

Submit a given number jobs keeping track of their status via CEMonitor notifications. The test keeps a given number of job running on the CE.

### OPTIONS

- **-p --consumerPort NUMBER** define the port for the consumer service (DEFAULT is 9000)
- **-D --delegationType STRING** specify the delegation management type: single, one delegated proxy for all submissions, or multiple, one delegated proxy per job (DEFAULT is single)
- **-h --help** Print the man pages for this command
- **--interactive** Enable the test control via terminal (EXPERIMENTAL)
- **-j --jdl STRING** define the path for the jdl file, if omitted

a predefined jdl will be used with simple sleep as executable (5 times the rate)

- **-l --logConf STRING** Set the location of the configuration file for log4py, (DEFAULT as provided by log4py)
- **-C --maxConcurrentSubmit NUMBER** define the number of concurrent submit, (DEFAULT is 1)
- **-m --maxRunningJobs NUMBER** set the max number of job which can be enqueued in the service (DEFAULT 100)
- **--nopurge** Disable the purge operation for all jobs submitted (CRITICAL)
- **-n --numberOfJob NUMBER** set the number of jobs to submit (DEFAULT 1)
- **-r --rate NUMBER** set the notification rate in seconds for the subscription on CEMonitor (DEFAULT is 30s)
- **-R --resourceURI STRING** define the URI of the resource under testing, the format is [:/]cream--. This option is mandatory and no default value is defined
- **--sockettimeout NUMBER** Socket timeout in seconds (DEFAULT 30s)
- **--valid STRING** set the voms-proxy duration in the format HH:MM (DEFAULT 00:10)
- **--vo STRING** set the VO name to be used for the test; this parameter is mandatory whenever X509\_USER\_CERT and X509\_USER\_KEY are defined, no default is available

### ENVIRONMENT

- **GLITE\_LOCATION** location of gLite packages (DEFAULT=/opt/glite)
  - **X509\_USER\_PROXY** location of the user proxy
  - **X509\_USER\_CERT** location of the user certificate, this variable has priority upon the X509\_USER\_PROXY variable
  - **X509\_USER\_KEY** location of the user private key. The key must be protected by a passphrase.
  - **X509\_CONSUMER\_CERT** location of the consumer certificate, if this variable is set together with X509\_CONSUMER\_KEY the test suite enables the notifications over secure channel
  - **X509\_CONSUMER\_KEY** location of the consumer private key, if this variable is set together with X509\_CONSUMER\_CERT the test suite enables the notifications over secure channel. The key must be protected by a passphrase.
  - **NOTIFIED\_SUBMIT\_CONFIG\_FILE** location of the configuration file for this test. The configuration file contains a list of properties (the format is key=value); the set of keys correspond to the set of the long options of this test
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This topic: CREAM > CreamTestNotifiedSubmit

Topic revision: r1 - 2011-04-28 - PaoloAndretto



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