

## cream-test-monitored-proxy-expired

### NAME

cream-test-monitored-proxy-expired - submit a sequence of jobs using an expiring proxy

### SYNOPSIS

cream-test-monitored-proxy-expired [OPTION] -R | --resourceURI RESOURCEURI --vo VONAME

### DESCRIPTION

Submit a given number of jobs using a voms-proxy whose lifetime is shorter than the duration of the job. The job is a simple sleep whose duration is twice the duration of the related voms-proxy. The service must kill the job just before the proxy expiration.

### OPTIONS

- **-h --help** Print the man pages for this command
- **--interactive** Enable the test control via terminal (EXPERIMENTAL)
- **-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)
- **-Q --queryType STRING** specify the polling mechanism used for retrieving the status of the jobs.

The supported types are event (new event query), list (internal job list used) or timestamp (query by timestamp). The default is event.

- **-r --rate NUMBER** set the sleep time in seconds between two polling operations (Default 30s, Min 5s)
- **-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

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- **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.
  - **MONITORED\_PROXY\_EXPIRED\_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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