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glite-ce-job-lease

Section: User Commands (1)

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NAME

glite-ce-job-lease - Allows the user to create a lease lasting a specified amount of seconds, that can be used later for her job submissions.

SYNOPSIS

```
glite-ce-job-lease --endpoint <host>[:<port>] --leaseTime <duration_in_seconds> <LeaseId>
```

DESCRIPTION

glite-ce-job-lease is the command to create a lease, that can be used later in job submission operations (see option `--leaseId` of the `glite-ce-job-submit` command). In this way the user can express a duration of interest for the job(s) she/he has submitted. When a lease expires, all the jobs associated to it will be aborted by CREAM.

glite-ce-job-lease requires as mandatory inputs:

- o the endpoint (that is the full hostname and the port number) of the considered CREAM CE service, specified using the `--endpoint (-e)` option;

- a string, chosen by the end user, specifying the id of the lease. This id will then have to be specified in the following submission operations (with the option `--leaseId` of the `glite-ce-job-submit` command).

- a time duration for the lease to create, expressed in seconds.

If a lease with the same id and belonging to the same user already exists in the CREAM CE, it's duration will be just updated.

The `--endpoint (-e)` directive must be used to target the operation to a specific CREAM CE. The format to be used is the following:

```
<fullhostname>[:<portnumber>]
```

OPTIONS

--help, -h

Displays command usage.

--conf file_name, -c file_name

Specifies the user specific configuration file.

--endpoint <host>[:<port>], -e <host>[:<port>]

Specifies the hostname and port number of the service where the lease has to be created. If the port is not specified, the port to be used is the one specified in the CREAM UI configuration file. Specifying the --endpoint option is mandatory.

--donot-verify-ac-sign, -A

Allows the execution of the command even if the VO voms server certificate is not installed.

--debug, -d

When this option is specified, debugging information is displayed on the standard output and written also into the file glite-ce-job-lease_CREAM_<username>_<date>_<time>.log file under (by default) the /tmp/tmp/glite_cream_cli_logs directory.

--logfile file_name, -l file_name

When this option is specified, a command log file (whose pathname is file_name) is created.

--version, -v

Displays the version of the CREAM CLI software.

EXIT STATUS

glite-ce-job-lease exits with a status value of 0 (zero) upon success, and >0 (greater than zero) upon failure.

EXAMPLES

```
glite-ce-job-lease --endpoint cream-27.pd.infn.it --leaseTime 3600 myLID You requested lease time [3600]
for lease ID [myLID] CREAM negotiated the lease time to [3600]
```

SEE ALSO

glite-ce-job-submit

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