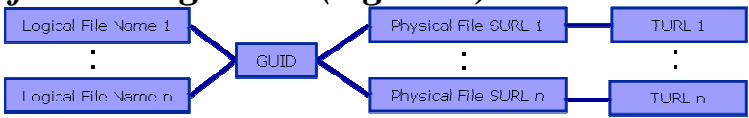


Summary of the most-used EGEE commands

March 2006

| COMMAND with example | USE |
|---|---|
| <i>Access to grid</i> | |
| voms-proxy-init --voms gilda | Create proxy with your credentials as a VO member |
| voms-proxy-destroy | Destroy proxy |
| voms-proxy-init --all | See proxy information |
| <i>Workload management</i> | |
| edg-job-submit -o fileForId.txt hostname.jdl | Submit a job, save its id in a file |
| edg-job-status <job id> edg-job-status -i fileForId.txt | Check status |
| edg-job-get-output <job id> edg-job-get-output --dir <outputdir in your UI> \ -i <file> | Retrieve output |
| edg-job-cancel <job id> | Cancel a job |
| edg-job-get-logging-info <jobid> | See the log for a job |
| <i>Information system</i> | |
| lcg-infosites --vo gilda ce | List Ces |
| lcg-infosites --vo gilda se | List SEs |
| lcg-infosites --vo gilda closeSE | List CE's with "close SEs" |
| <i>R-GMA</i> | |
| r-gma | To enter |
| show tables | |
| describe <table> | |
| help | |
| Help <command> | |
| quit or exit | |

| | |
|--|---|
| <p>Catalogue access (LFC) and file management (lcg-utils)</p>  <pre> graph LR LFN1[Logical File Name 1] --> GUID[GUID] LFNn[Logical File Name n] --> GUID GUID --> PSURL1[Physical File SURL 1] GUID --> PSURLn[Physical File SURL n] PSURL1 --> TURL1[TURL 1] PSURLn --> TURLn[TURL n] </pre> | <p>LFC=LCG File Catalogue You do need to specify the VO in the lcg-* commands lfn: logical file name GUID: global unique identifier SE: Storage element</p> |
| <p>lfc-ls -l /grid/gilda/dublin/</p> | <p>List a directory in the LFC</p> |
| <p>lfc-mkdir /grid/gilda/dublin/dublin51</p> | <p>Create new directory in LFC /grid/<voname>/....</p> |
| <p>lfc-ln -s /grid/gilda/<already exists> /grid/gilda/dublin/dublin51/<new name></p> | <p>New lfn</p> |
| <p>export LFC_HOME=/grid/gilda/dublin/dublin51</p> | <p>Set LFC home directory Avoids repeatedly typing /grid/....</p> |
| <p>lcg-cr -v -d grid-se.bio.dist.unige.it \ -l lfn:/grid/gilda/Dublin/dublin51/data.txt \ --vo gilda file:///home/dublin51/myfiles/mydata.txt</p> <p>lcg-cr -v -d grid-se.bio.dist.unige.it -l lfn:data.txt \ --vo gilda file://`pwd`/mydata.txt</p> | <p>Copy a file to a SE and register it into the catalog</p> <p>Equivalent if \$LFC_HOME is set and I'm in the local directory that holds mydata.txt.</p> |
| <p>lcg-cp --vo gilda lfn:script/scripts.tar.gz \ file://`pwd`/kc_1.tar.gz</p> | <p>Copy a file to your local directory (uses the LFC to locate the file)</p> |
| <p>lcg-rep --vo gilda -d gildase.oact.inaf.it \ lfn:/grid/gilda/dublin/mjm/MAGIC/ex3.tar</p> | <p>Create a replica on named SE for a specified lfn</p> |
| <p>lcg-lr --vo gilda lfn:data.txt</p> | <p>List replicas (by lfn or GUID)</p> |
| | |

EGEE: <http://www.eu-egee.org>

LCG User Guide : <https://edms.cern.ch/file/454439//LCG-2-UserGuide.pdf>

<https://edms.cern.ch/file/454439//LCG-2-UserGuide.html>

This tutorial: agenda and presentations:

<http://agenda.cern.ch/fullAgenda.php?ida=a06800>