

Summary of the most-used EGEE commands

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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	

<i>Catalogue access (LFC) and file management (lcg-utils)</i>	
<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>
lfc-ls -l /grid/gilda/training/	List a directory in the LFC
lfc-mkdir /grid/gilda/training/sofia/sofia51	Create new directory in LFC /grid/<voname>/....
lfc-ln -s <already exists> <new name>	New lfn
export LFC_HOME=/grid/gilda/training/sofia/sofia51/	Set LFC home directory Avoids repeatedly typing /grid/....
lcg-cr -v --vo gilda file://\$PWD/text_file.txt -l \ lfn:myfile.txt -d aliserv6.ct.infn.it lcg-cr -v -d grid-se.bio.dist.unige.it \ -l lfn: /grid/gilda/training/sofia/sofia51/data.txt \ --vo gilda file://\$PWD/mydata.txt	Copy a file to a SE and register it into the catalog Equivalent if \$LFC_HOME is set and I'm in the local directory that holds mydata.txt.
lcg-cp --vo gilda lfn:scripts.tar.gz \ file://^pwd`/kc_1.tar.gz	Copy a file from SE to your local directory (uses the LFC to locate the file)
lcg-rep --vo gilda -d gildase.oact.inaf.it \ lfn:/grid/gilda/training/sofia/sofia51/ex3.tar	Create a replica on named SE for a specified lfn
lcg-lr --vo gilda lfn:data.txt	List replicas (by lfn or GUID)

Further Information:

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

gLite User Guide <https://edms.cern.ch/file/722398/1.1/gLite-3-UserGuide.html>

GILDA Wiki: <https://grid.ct.infn.it/twiki/bin/view/GILDA/WebHome>

EGEE Digital Library: <http://egee.lib.ed.ac.uk/>