

# ELFI vs lcg-utils

A detailed comparison of ELFI and lcg-utils usage

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	ELFI	lcg-utils
access a Grid file contents by logical file name	<code>emacs /elfi/LFC/path/to/lfn</code>	N/A
access a Grid file contents by replica name	<code>emacs /elfi/&lt;SE-name&gt;/path/to/replica</code>	N/A
create and register a file in the catalog	<code>cp /local/file /elfi/LFC/path/to/lfn</code>	<code>lcg-cr -l lfn:/logical/file/name file:///local/file</code>
delete a file from the catalog, and all of its replicas	<code>rm /elfi/LFC/path/to/lfn</code>	<code>lcg-del -a lfn:/logical/file/name</code>
delete a single replica from the catalog	<code>rm /elfi/&lt;SE-name&gt;/logical/file/name</code>	<code>lcg-del -s SE-name /logical/file/name</code>
replicate a file across SEs	<code>ln /elfi/LFC/logical/file/name /elfi/&lt;SE-name&gt;/logical/file/name</code>	<code>lcg-rep -d sfn://SE-name/path/to/replica lfn://logical/file/name</code>
list LFC catalog contents	<code>ls -l /elfi/LFC/path</code>	<code>lfc-ls /path</code>
list replicas residing on a given SE	<code>ls -l /elfi/&lt;SE-name&gt;/logical/file/name</code>	<code>lfc-lr /logical/file/name   grep SE-hostname</code>
list ACL of a given LFN	<code>getfacl /elfi/LFC/logical/file/name</code>	<code>lfc-getacl /logical/file/name</code>
set ACL entry on a LFN	<code>setfacl -m u:123:rw /elfi/LFC/logical/file/name</code>	<code>lfc-setacl -m u:123:6 /logical/file/name</code>