



Grid Computing Hands On Training for Users  
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# DATA MANAGEMENT

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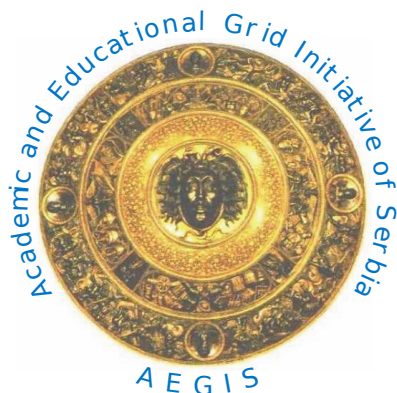
*Institute of Physics Belgrade*

*Serbia*



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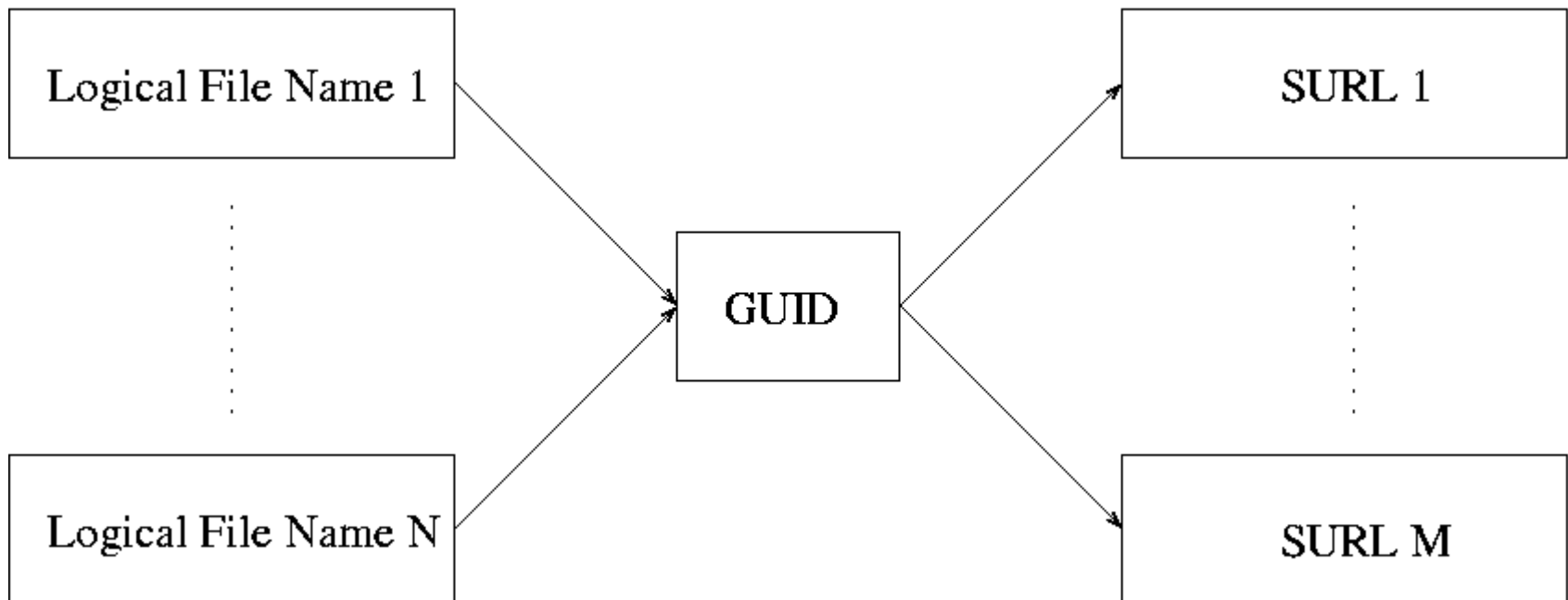
[www.eu-egee.org](http://www.eu-egee.org)



**LFN – Logical File Name**

**GUID - Grid Unique Identifier**

**SURL – Storage URL**



- lfc-chmod** Change access mode of a LFC file/directory.
- lfc-chown** Change owner and group of a LFC file/directory.
- lfc-delcomment** Delete the comment associated with a file/directory.
- lfc-getacl** Get file/directory access control lists.
- lfc-ln** Make a symbolic link to a file/directory.
- lfc-ls** List file/directory entries in a directory.
- lfc-mkdir** Create directory.
- lfc-rename** Rename a file/directory.
- lfc-rm** Remove a file/directory.
- lfc-setacl** Set file/directory access control lists.
- lfc-setcomment** Add/replace a comment.
- lfc-entergrpmap** Defines a new group entry in the Virtual ID table.
- lfc-enterusrmap** Defines a new user entry in Virtual ID table.
- lfc-modifygrpmap** Modifies a group entry corresponding to a given virtual gid.
- lfc-modifyusrmap** Modifies a user entry corresponding to a given virtual uid.
- lfc-rmgrpmap** Suppresses group entry corresponding to a given virtual gid or group name
- lfc-rmusrmap** Suppresses user entry corresponding to a given virtual uid or user name.

**lcg-cp** Copies a Grid file to a local destination (download)

**lcg-cr** Copies a file to a SE and registers the file in the catalog (LFC or LRC) (upload)

**lcg-del** Deletes one file (either one replica or all replicas)

**lcg-rep** Copies a file from one SE to another SE and registers it in the catalog (LFC or LRC) (replicate)

**lcg-gt** Gets the TURL for a given SURL and transfer protocol

**lcg-sd** Sets file status to "Done" for a given SURL in an SRM's request

**lcg-aa** Adds an alias in the catalog (LFC or RMC) for a given GUID.

**lcg-ra** Removes an alias in the catalog (LFC or RMC) for a given GUID.

**lcg-rf** Registers in the the catalog (LFC or LRC/RMC), a file residing on an SE.

**lcg-uf** Unregisters in the the catalog (LFC or LRC) a file residing on an SE.

**lcg-la** Lists the aliases for a given LFN, GUID or SURL.

**lcg-lg** Gets the GUID for a given LFN or SURL.

**lcg-lr** Lists the replicas for a given LFN, GUID or SURL.