



Enabling Grids for E-science

# LFC Java API practicals

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*2° Health e-Child Application Developer Tutorial*

*Cern(Geneve), October 10-13, 2006*

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



Information Society



- Browse to the Wiki page:  
<https://grid.ct.infn.it/twiki/bin/view/GILDA/WebHome>
- Follow the link “API Usage” on the topic  
“LFC JAVA API”



## TutLFC\_JAVA\_API:

- |-----bin\_exercises
- |-----compile.sh
- |-----LFCDMunderdev
- |-----repmngr.properties
- |-----setclasspath.sh
- |-----src\_exercises



## LFCDMunderdev:

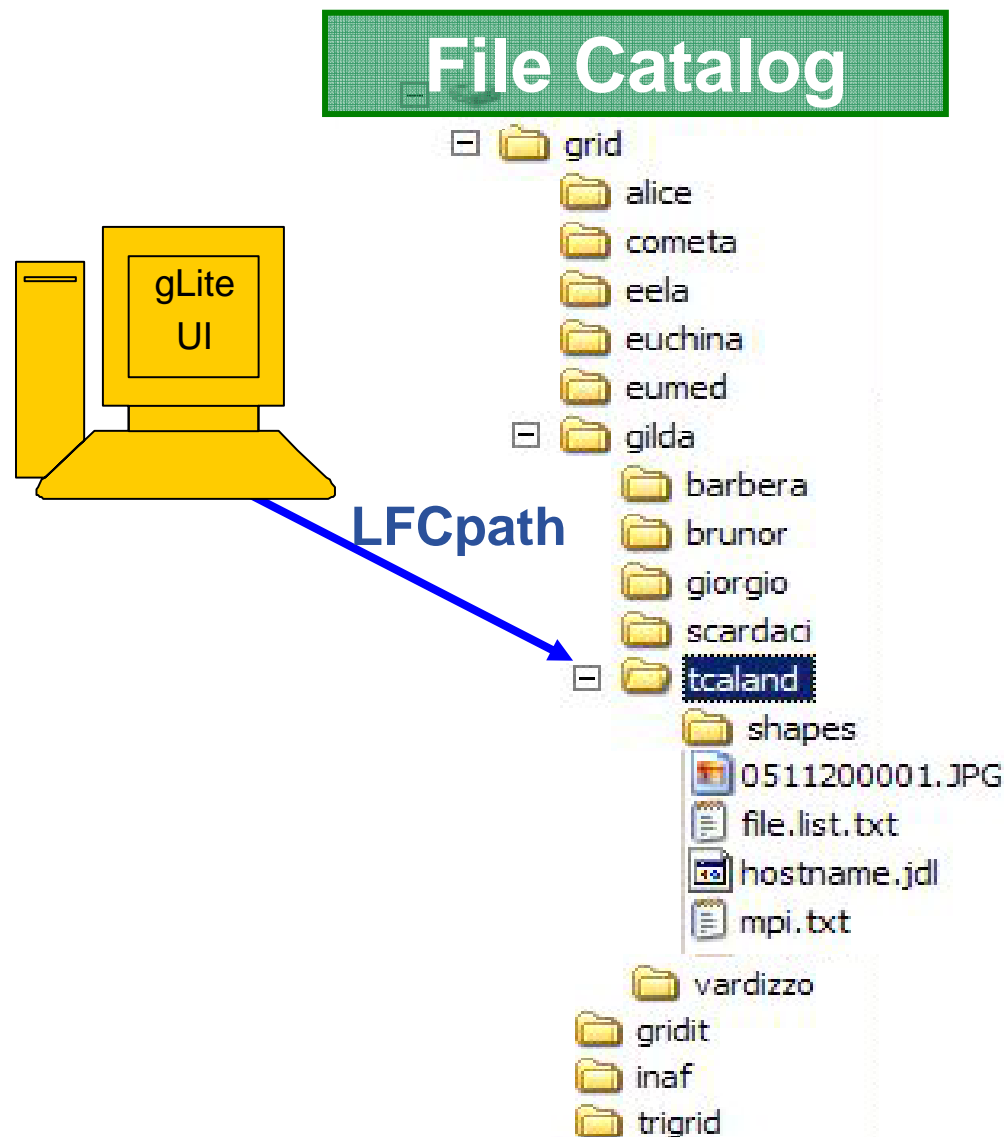
SEE-GRID\_File\_Management\_Java\_API

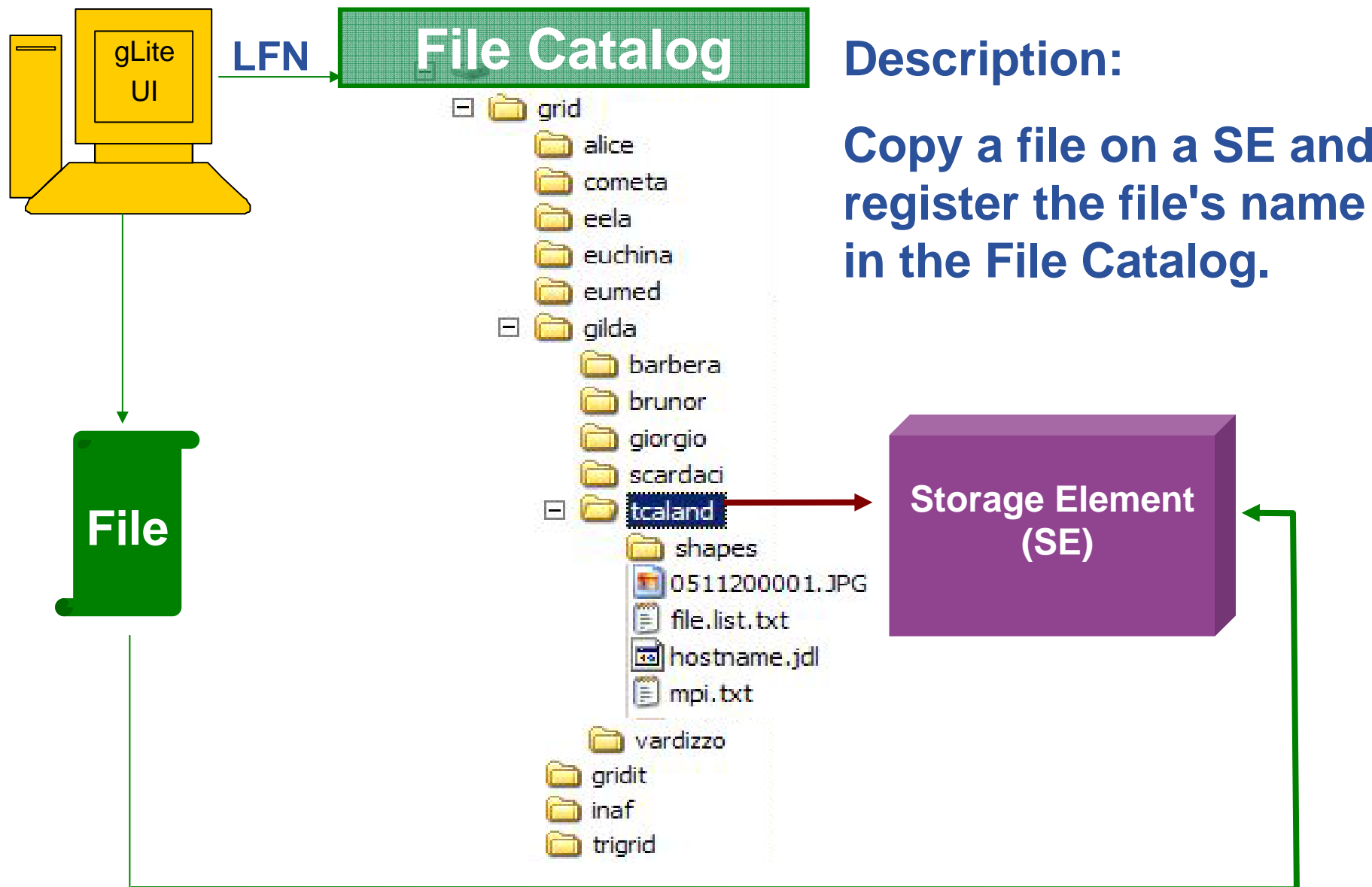
**repmngr.properties:** properties file for SEs and VO settings.

**CLASSPATH=\$PWD/LFCDMunderdev/bin:\$PWD/repmngr.properties:  
\$PWD/bin\_exercises**

## Description:

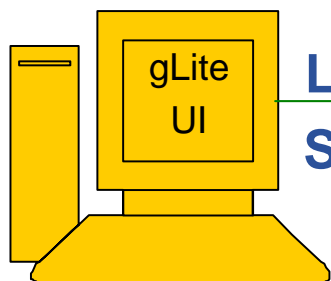
List the content of a gridpath with some of its information.





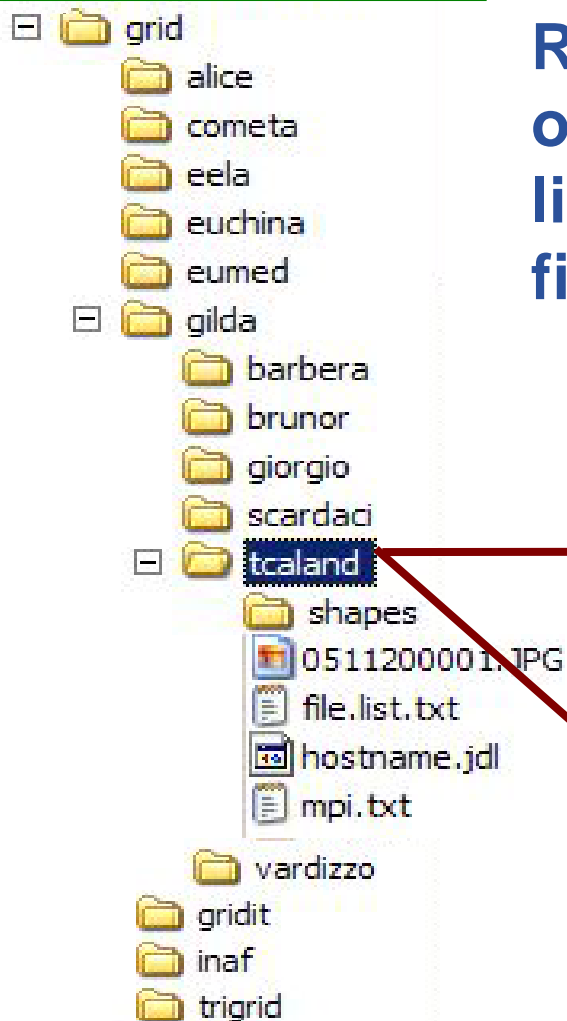
**Description:**

**Copy a file on a SE and register the file's name in the File Catalog.**



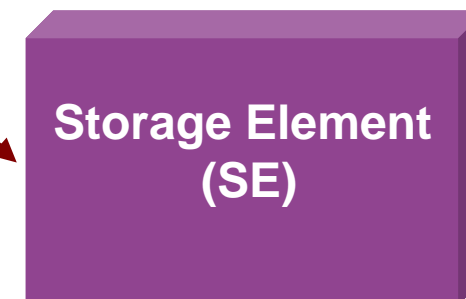
LFN  
SEs

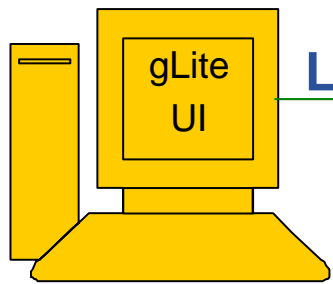
## File Catalog



### Description:

Replicate a given file on one or more SEs. Then list the SURL of each file's replicas.





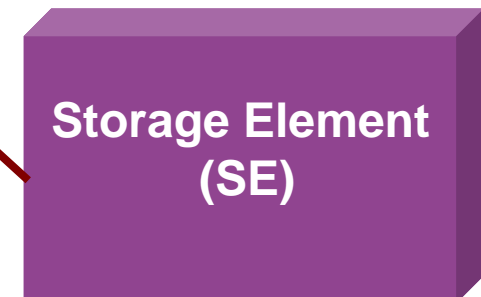
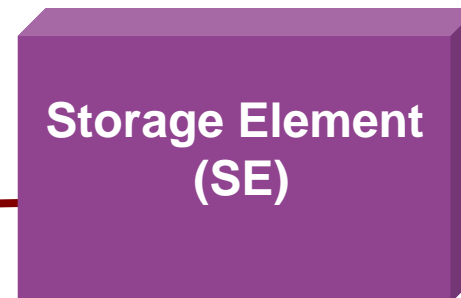
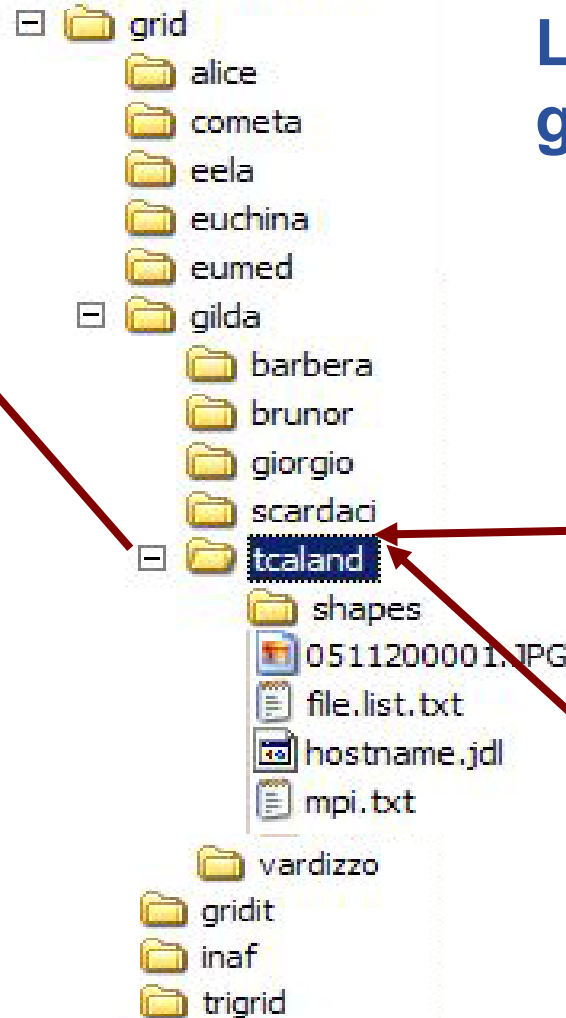
LFN

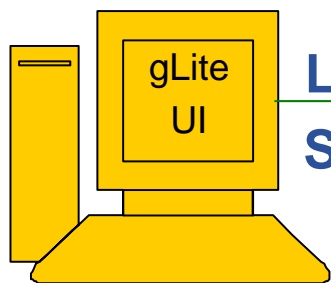
**File Catalog**

**Description:**

**List all replicas for a given file.**

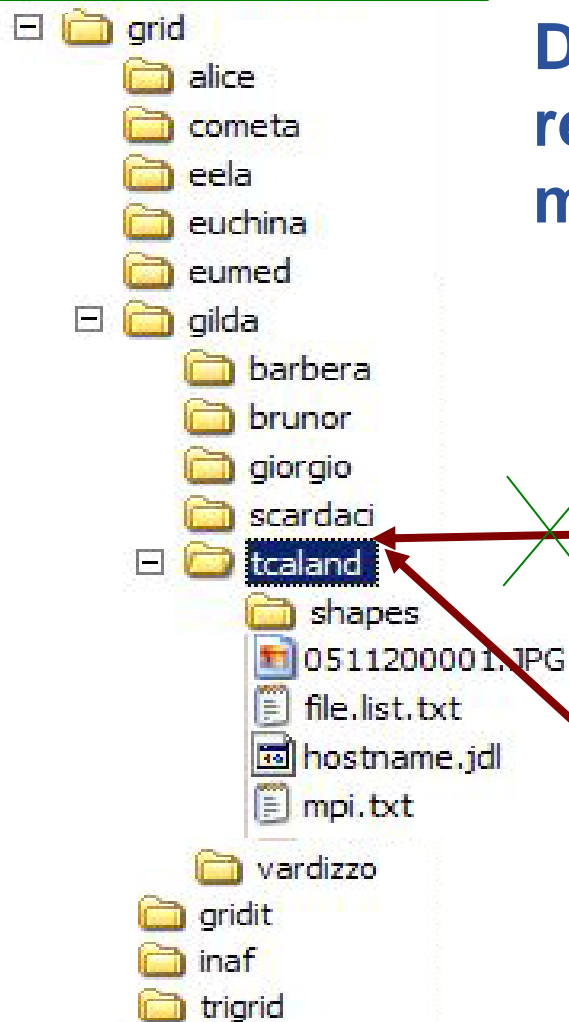
**SURLs**





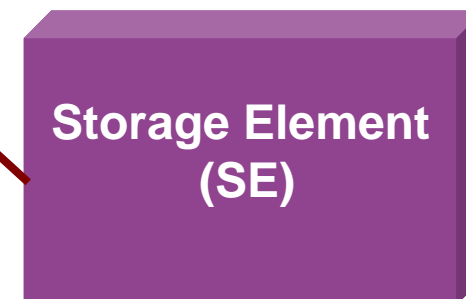
LFN  
SEs

## File Catalog

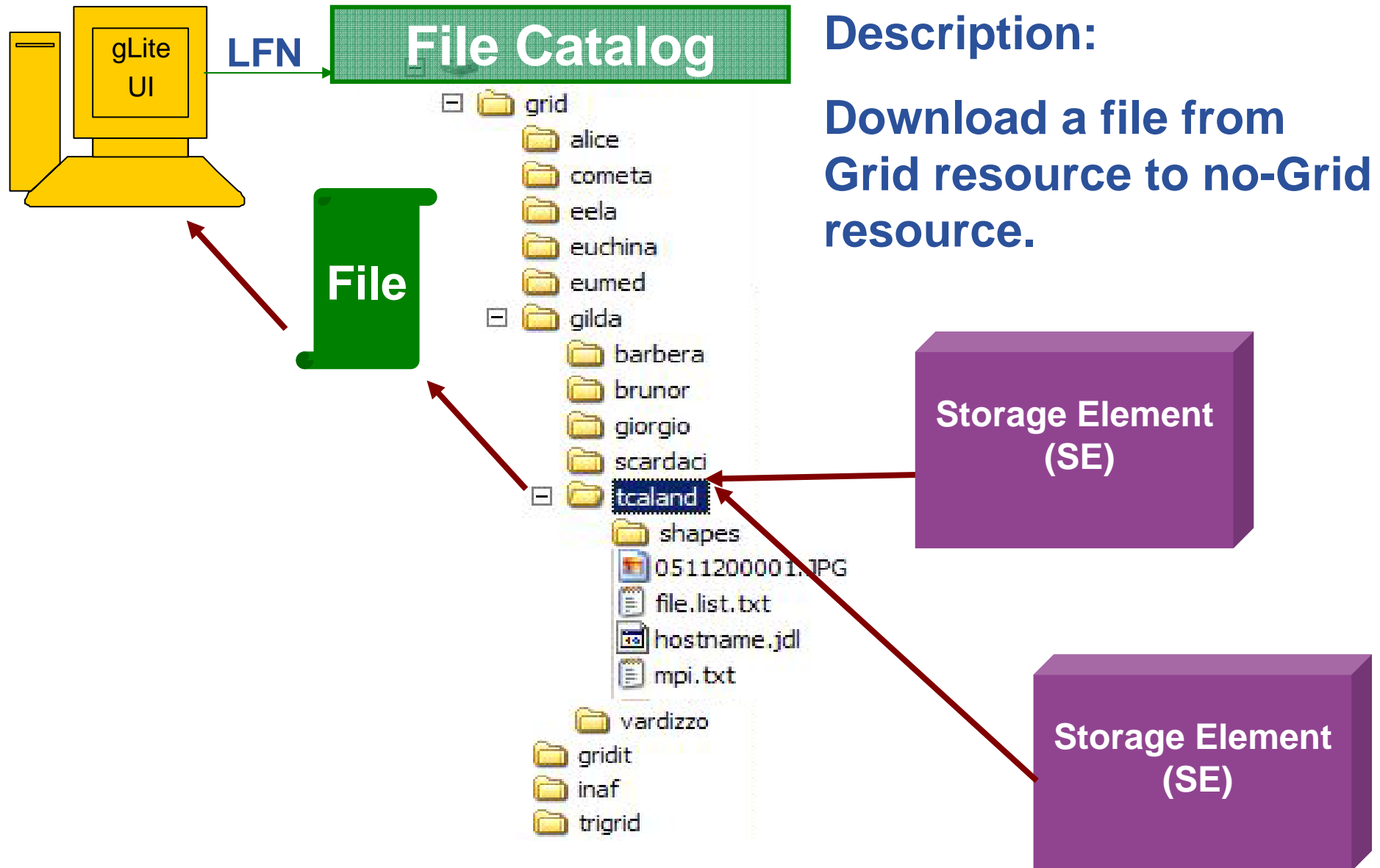


**Description:**

**Delete replica of registered file on one or more SEs.**







- **VOMS and ACLs in Data Management**  
<https://twiki.cern.ch/twiki/bin/view/LCG/VomsAndAcIs>
- **GILDA -- Data Management quickstart**  
<https://grid.ct.infn.it/twiki/bin/view/GILDA/DataManagement>
- **SEE-GRID2 LFC JAVA API**  
[http://wiki.egee-see.org/index.php/SEE-GRID\\_File\\_Management\\_Java\\_API](http://wiki.egee-see.org/index.php/SEE-GRID_File_Management_Java_API)
- **LFC Documentation**  
<https://twiki.cern.ch/twiki/bin/view/LCG/DataManagementDocumentation>
- **EGEE Middleware Support**  
<https://twiki.cern.ch/twiki/bin/view/EGEE/EGEEMiddlewareSupport>