

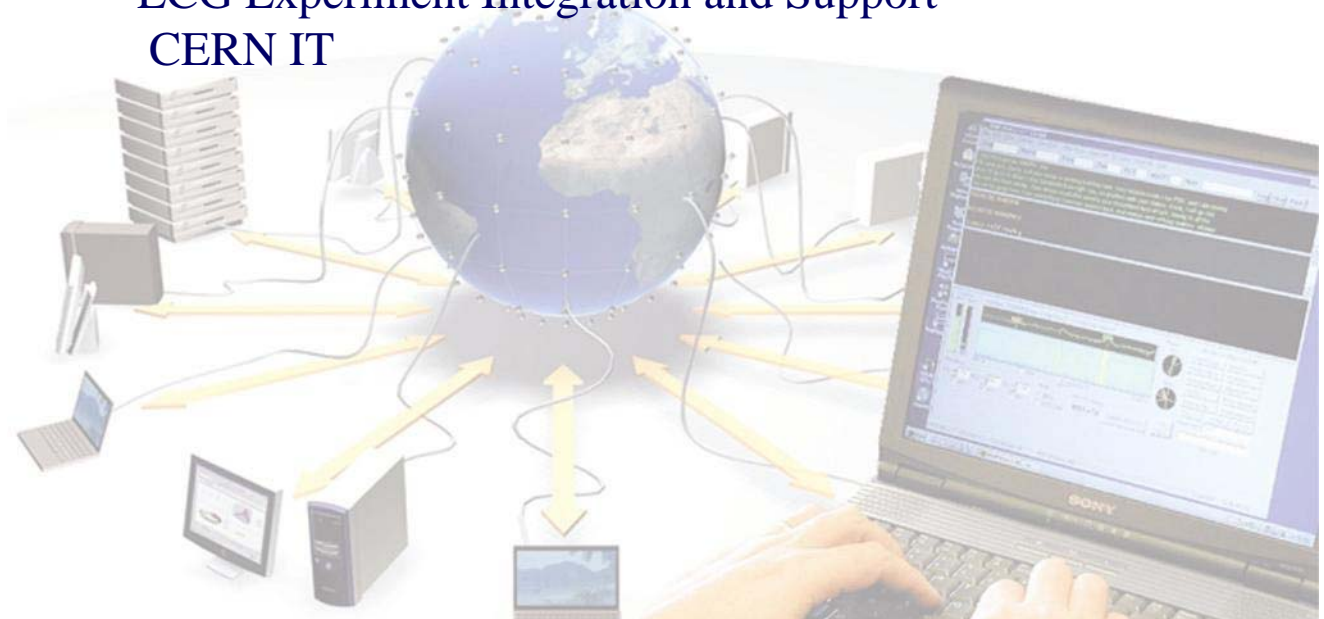


Enabling Grids for
E-science in Europe

www.eu-egee.org

Grid Data Management Hands-on

Simone Campana
LCG Experiment Integration and Support
CERN IT



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Les SE de la grille GILDA

- grid-proxy-init
- lcg-infosites –vo gilda se: Liste des SE de la grille GILDA

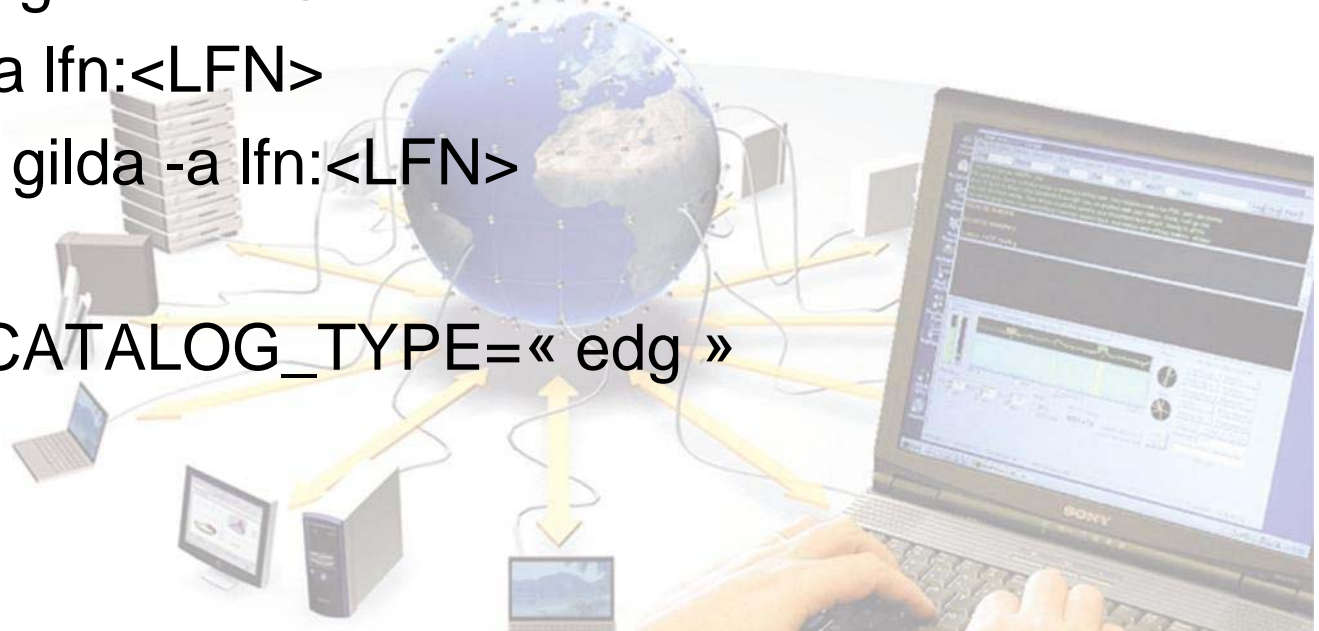




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Commandes

- `lcg-cp -v --vo gilda lfn:<LFN> file:/<PATH>`
- `lcg-cr -v --vo gilda -d <SE> -l lfn:<LFN> file:/<PATH>`
- `lcg-rep -v --vo gilda -d <SE> lfn:<LFN>`
- `lcg-lr --vo gilda lfn:<LFN>`
- `lcg-del -v --vo gilda -a lfn:<LFN>`
- `Export LCG_CATALOG_TYPE=« edg »`



DM Command Line Tools

1. Check the syntax of the described commands in the manpages and LCG-2 User Guide

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

1. Create a dummy file and copy it to the grid with a LFN
2. Check the LFN, GUID and SURL of the file
3. Copy the file to two SEs with lcg-rep and globus-url-copy. Check that both files exist but only one is registered
4. Register the file that was not already in the catalog
5. Copy the file back to the UI and check it
6. Delete and unregister all the files and replicas created



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Exercices

- **Exercice:** Copier un fichier
 - de l'UI vers un SE
 - D'un SE vers l'UI
 - D'un SE vers un SE
 - D'un SE vers un WN (via un JDL)
 - D'un WN vers un SE (via un JDL)
- **Exercice:** Faire un JDL qui copie un fichier vers le WN à partir du LFN et qui vérifie avec l'outil 'cksum' que le transfert de fichier est correct.

