



Enabling Grids for
E-science in Europe

www.eu-egee.org

GENIUS/GILDA Tutorial, Catania, 24-25.05.2004

Data Services with Genius Portal

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EGEE NA4 Generic Applications



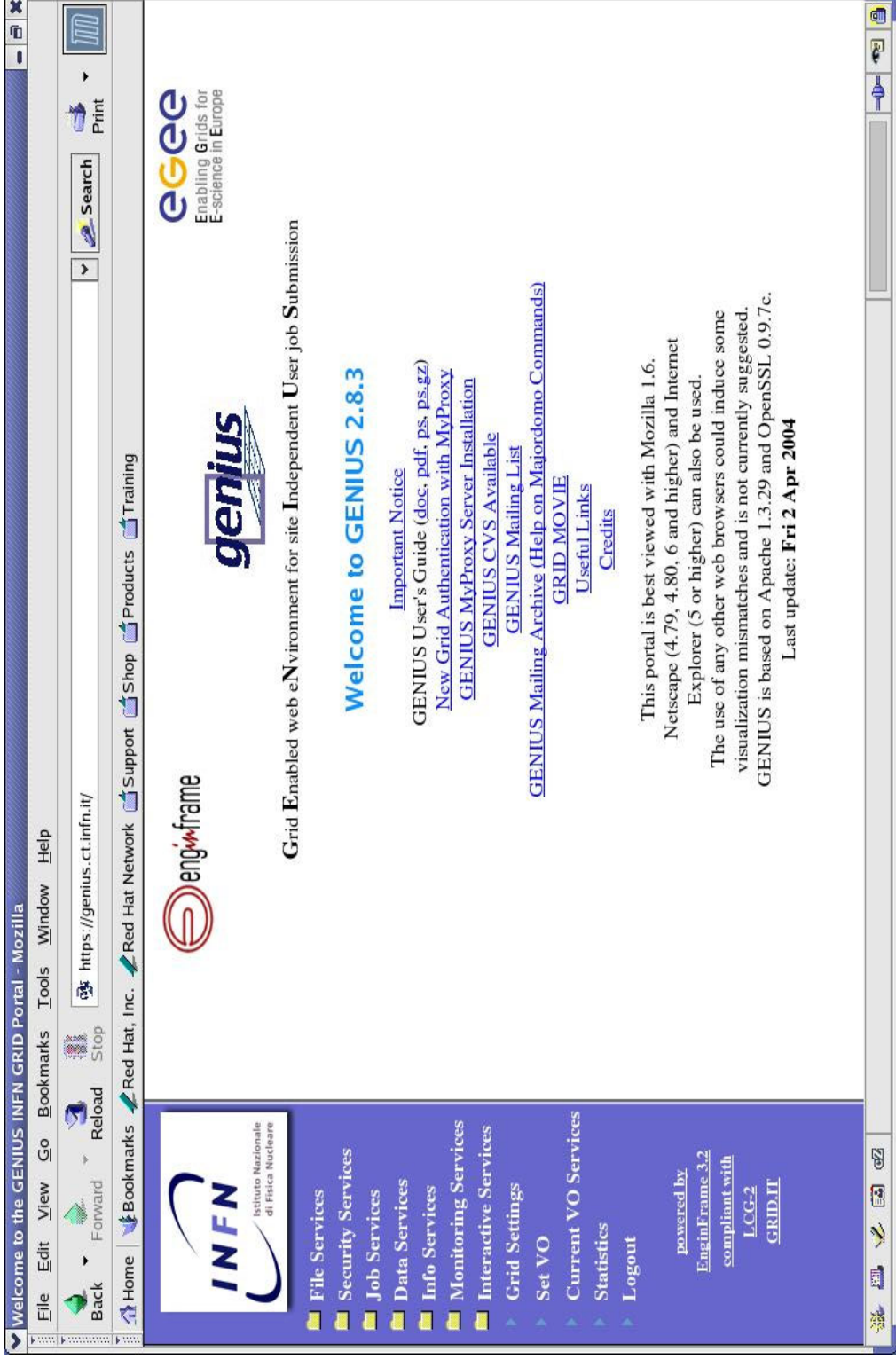
Contents

- **Data Services through GENIUS Portal**
- **Example and exercise**



Genius Portal

<https://grid-tutor.ct.infn.it>



The screenshot shows a Mozilla browser window displaying the Genius Portal. The address bar shows the URL <https://genius.ct.infn.it/>. The browser's menu bar includes File, Edit, View, Go, Bookmarks, Tools, Window, and Help. The browser's status bar shows the address <https://genius.ct.infn.it/> and the text "Red Hat, Inc.".

The website content includes the following elements:

- Navigation Menu:** Home, Bookmarks, Red Hat, Inc., Support, Shop, Products, Training.
- Logos:** eng4frame, genius, and egee (Enabling Grids for E-science in Europe).
- Text:** Grid Enabled web environment for site Independent User job Submission.
- Section Header:** Welcome to GENIUS 2.8.3.
- Links:** Important Notice, GENIUS User's Guide (doc, pdf, ps, ps.gz), New Grid Authentication with MyProxy, GENIUS MyProxy Server Installation, GENIUS CVS Available, GENIUS Mailing List, GENIUS Mailing Archive (Help on Majordomo Commands), GRID MOVIE, Useful Links, Credits.
- Text:** This portal is best viewed with Mozilla 1.6, Netscape (4.79, 4.80, 6 and higher) and Internet Explorer (5 or higher) can also be used. The use of any other web browsers could induce some visualization mismatches and is not currently suggested. GENIUS is based on Apache 1.3.29 and OpenSSL 0.9.7c. Last update: Fri 2 Apr 2004.
- Footer:** INFN Istituto Nazionale di Fisica Nucleare, File Services, Security Services, Job Services, Data Services, Info Services, Monitoring Services, Interactive Services, Grid Settings, Set VO, Current VO Services, Statistics, Logout, powered by EnginFrame 3.2 compliant with LCG-2 GRID.IT.

Publish a File (1/2)

Welcome to the GENIUS INFN GRID Portal - Mozilla

File Modifica Visualizza Val Segnalibri Strumenti Finestre Guida

https://genius.ct.infn.it/

eng*frame

genius
Enabling Grids for E-science in Europe

eGEE
Enabling Grids for E-science in Europe

Grid Enabled web eNvironment for site Independent User job Submission

RB: gilda VO: gilda RLS: GILDA Your Data Logout

With this service you can publish local data on the Replica Catalogue of your Virtual Organization and save it on a Storage Element.

Choose SE
gridba6.ba.infn.it with Mb of freespace on mount point /flatfiles/SE00

Choose File/Directory
/home/emidio/script.tar.gz Stiglia...

Choose Remote File/Directory

Select...
Clean

Publish

Remote File Browsing - Mozilla

Path: /home/giorgio

Select all Unselect all

OK Cancel

20040407_130806_larocca_gruppo

bin

conf

output

script

CT-vo.conf 532

CT.conf 553

edglog.log 12,952

nsPwd 83

up

Data Services

Publish a File

Navigate RLS

powered by
EnsinFrame 3.2

compliant with
LCG-2

GRIDAT

https://genius.ct.infn.it/infn_grid.xmi?..._url=/infn_grid/data-publish-se

Publish a File (2/2)

Welcome to the GENIUS INFN GRID Portal - Mozilla

https://grid016.ct.infn.it

Red Hat Network Support Shop Products Training

ENEF **genius** **egee**
Enabling Grids for E-science in Europe

Grid Enabled web environment for site Independent User job Submission

RB: gilda VO: gilda Your Data Logout

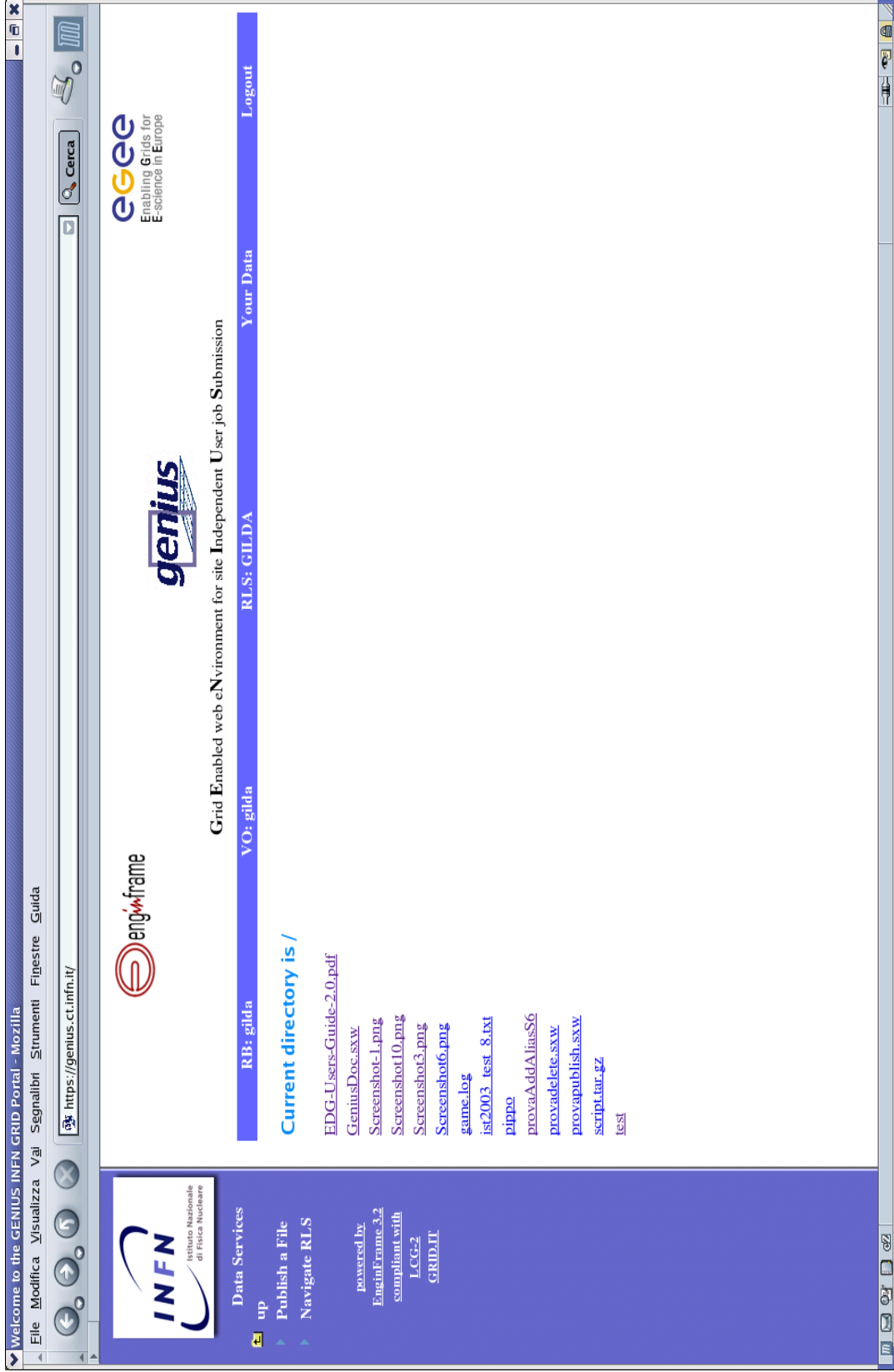
edge-replica-manager starting..
Issuing command : copyAndRegisterFile
Parameters:
file:///home/vardizzo/.genius/filesttopublish/filetopublish
-l
lfn:2provapub.sxx
-d
grid009.ct.infn.it
Destination is a host : //grid009.ct.infn.it
Call replica manager copyAndRegister function
Filesize to copy (MB) = 0.004699707
copy : From : /home/vardizzo/.genius/filesttopublish/filetopublish
copy : To : gsiftp://grid009.ct.infn.it/flatfiles/gilda/generated/2004-04-06/file252732bd-87ac-11d8-8e52-952d9cf8acf9
copy : # streams: 1
Transfer took: 1231 ms.
Copy successful to : File name = gsiftp://grid009.ct.infn.it/flatfiles/gilda/generated/2004-04-06/file252732bd-87ac-11d8-8e52-952d9cf8acf9
File size = 4928
File Owner = -
Associated SE:
Created new entry for sur1 with logical name lfn:2provapub.sxx
guid:2ebc819e-87ac-11d8-8e52-952d9cf8acf9
Copy and Registration successful.
2004-04-05
vardizzo

INFN Istituto Nazionale di Fisica Nucleare

Data Services
up
Publish a File
Navigate RLS

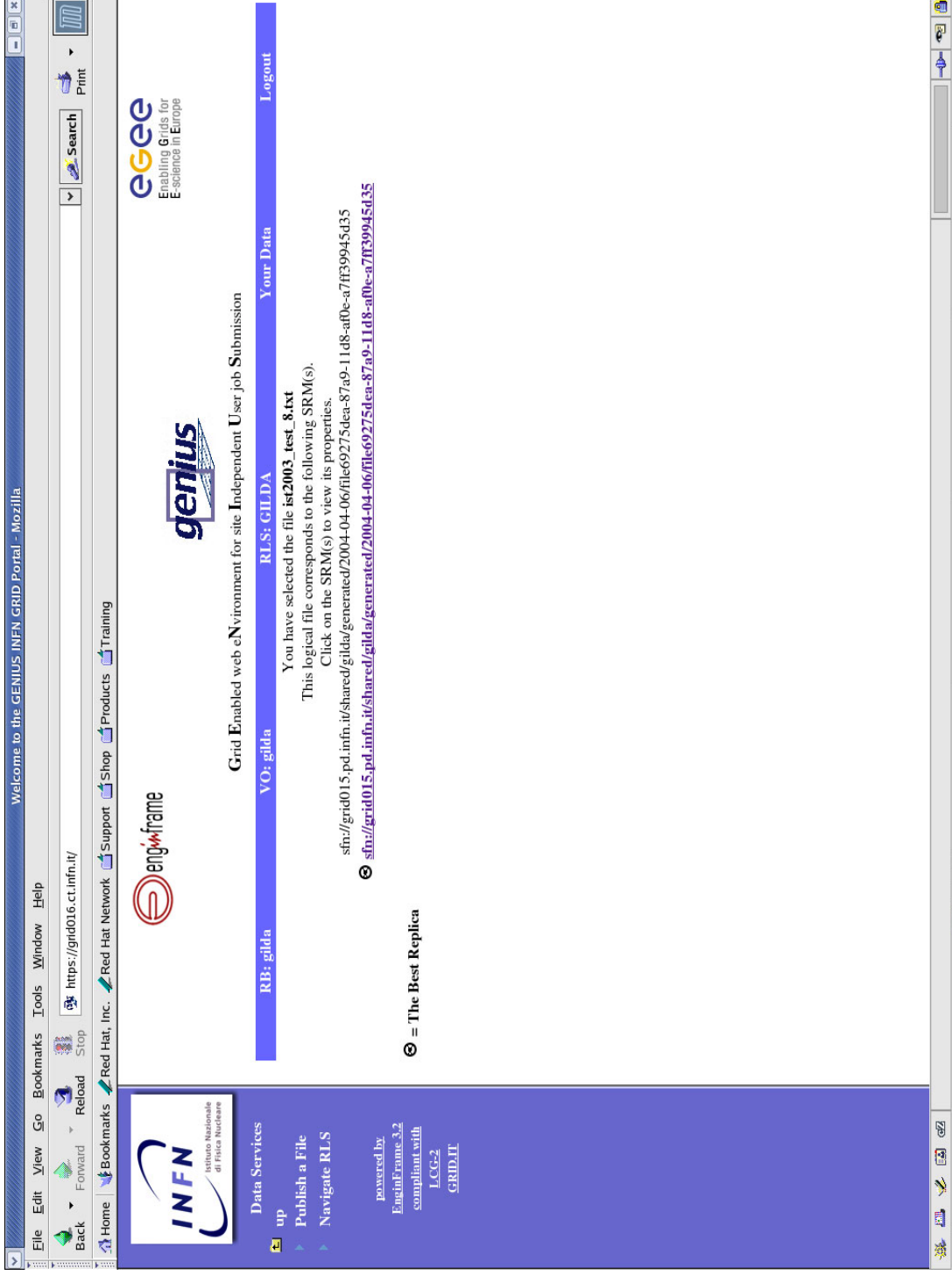
powered by
EnginFrame 3.2
compliant with
LCG-2
GRIDIT

Navigate RLS: Browse&View (1/2)



The screenshot shows a Mozilla browser window displaying the GENIUS web portal. The browser's address bar shows the URL <https://genius.ct.infn.it/>. The page features a blue header with the INFN logo (Istituto Nazionale di Fisica Nucleare) on the left and navigation links: "Data Services", "up", "Publish a File", and "Navigate RLS". The main content area includes the "engwframe" logo, the E-GEE logo, and the "genius" logo. A navigation bar at the top of the page contains links for "RB: gilda", "VO: gilda", "RLS: GILDA", "Your Data", and "Logout". The main text reads "Grid Enabled web eNvironment for site Independent User job Submission". Below this, a "Current directory is /" section lists various files and directories: [EDG-U_sers-Guide-2.0.pdf](#), [GeniusDoc.sxx](#), [Screenshot-1.png](#), [Screenshot10.png](#), [Screenshot3.png](#), [Screenshot6.png](#), [game.log](#), [ist2003_test_8.txt](#), [pippo](#), [provaAddAliasS6](#), [provadelete.sxx](#), [provapublish.sxx](#), [script.tar.gz](#), and [test](#).

Navigate RLS: Browse&View (2/2)



Welcome to the GENIUS/INFN GRID Portal - Mozilla

https://grid016.ct.infn.it/

File Edit View Go Bookmarks Tools Window Help

Back Forward Reload Stop

Home Bookmarks Red Hat, Inc. Red Hat Network Support Shop Products Training

INFN Istituto Nazionale di Fisica Nucleare

Data Services

- up
- Publish a File
- Navigate RLS

powered by
EnginFrame 3.2
compliant with
LCG-2
GRID.IT

enginframe

genius

e-Grids
Enabling Grids for
E-science in Europe

Grid Enabled web environment for site Independent User job Submission

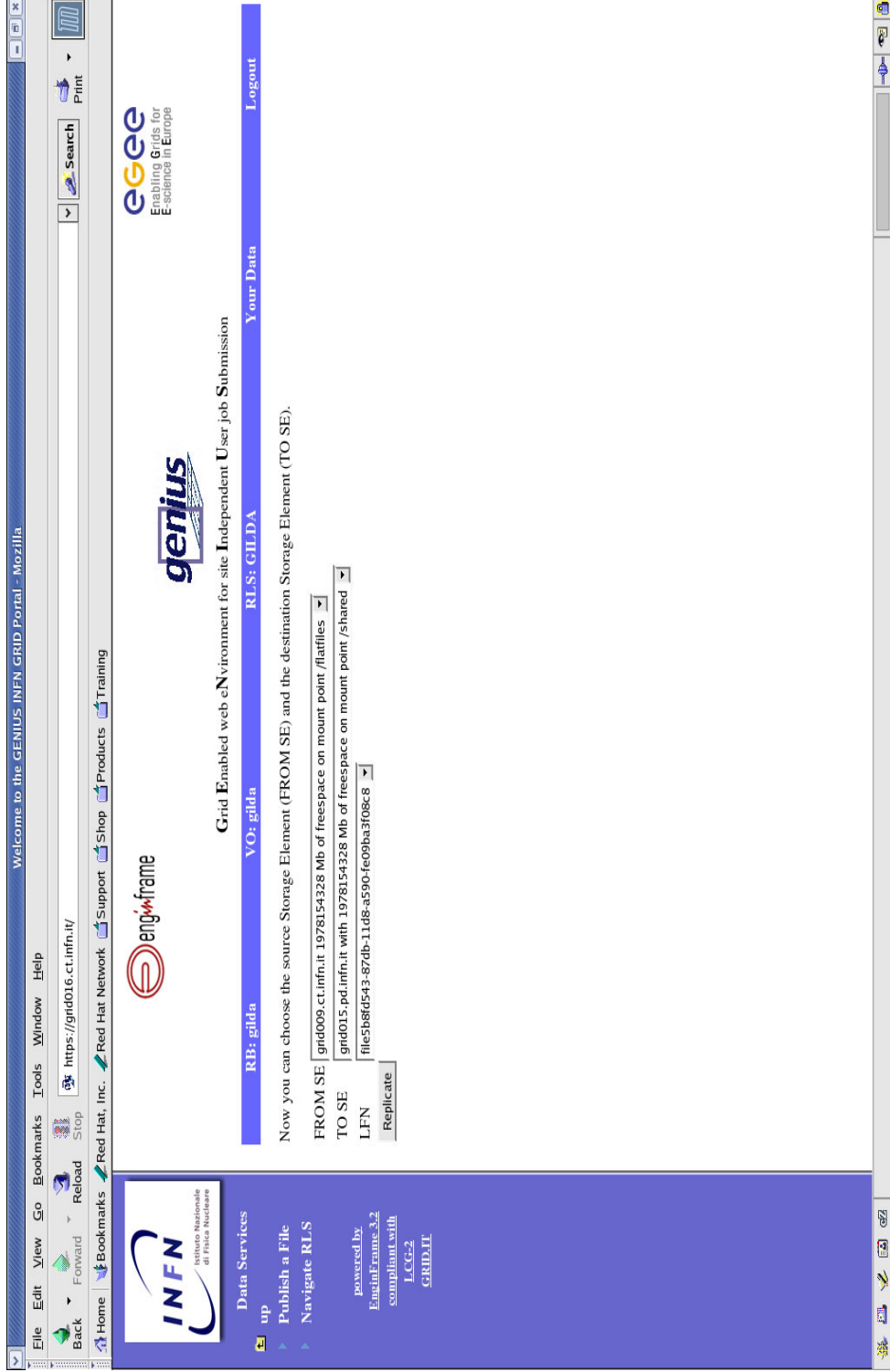
RB: gilda VO: gilda RLS: GILDA Your Data Logout

You have selected the file `ist2003_test_8.txt`
This logical file corresponds to the following SRM(s).
Click on the SRM(s) to view its properties.

- <sfns://grid015.pd.infn.it/shared/gilda/generated/2004-04-06/file69275dea-87a9-11d8-af0e-a7ff39945d35>
- <sfns://grid015.pd.infn.it/shared/gilda/generated/2004-04-06/file69275dea-87a9-11d8-af0e-a7ff39945d35>

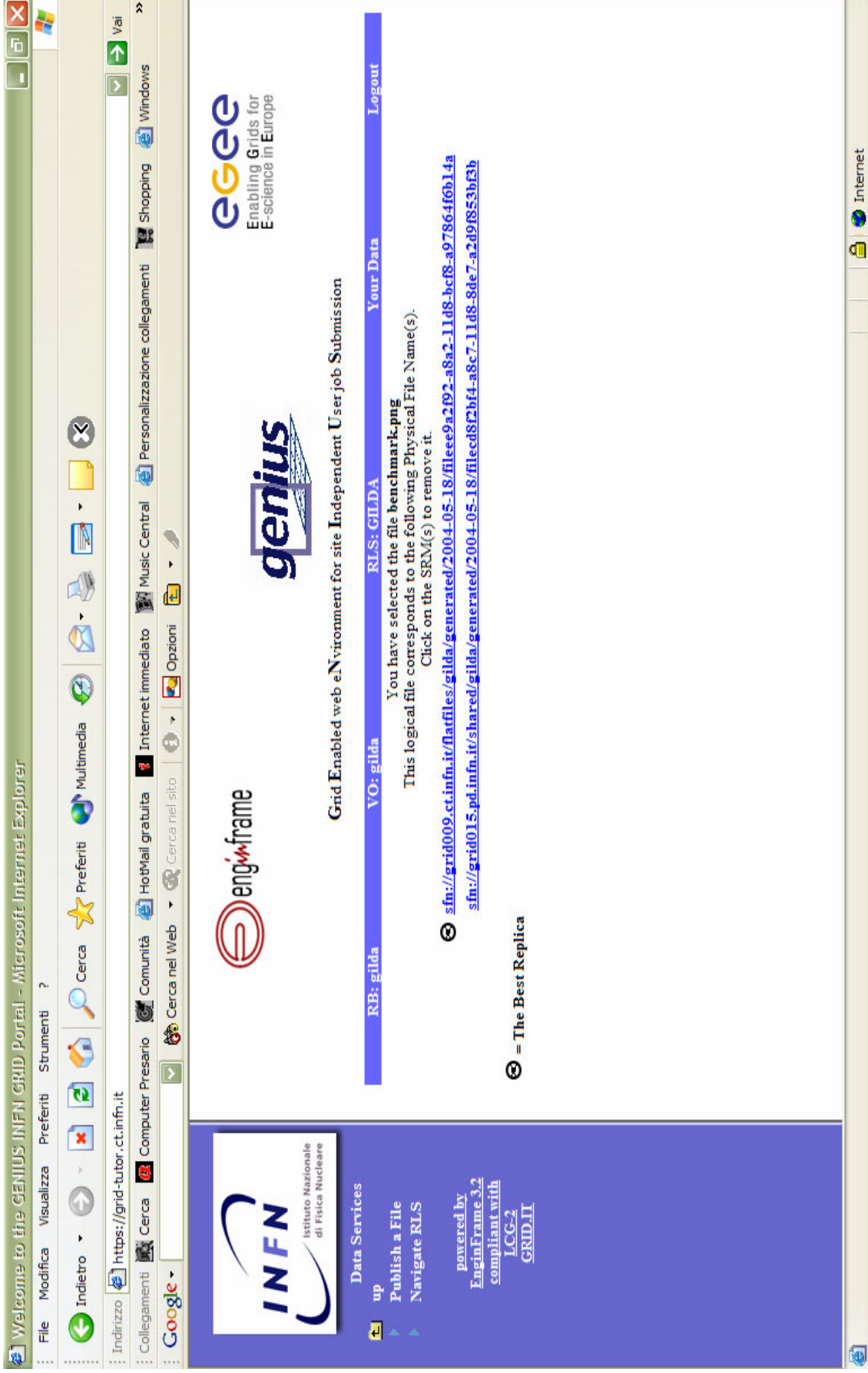
The Best Replica

Navigate RLS: Replicate a File



The screenshot shows a Mozilla browser window displaying the GENIUS web interface. The browser's address bar shows the URL `https://grid016.ct.infn.it/`. The page header includes the INFN logo and navigation links: Home, Forward, Reload, Back, Bookmarks, Red Hat, Inc., Red Hat Network, Support, Shop, Products, Training. The main content area features the GENIUS logo and the text: "Grid Enabled web environment for site Independent User job Submission". Below this, there are two navigation tabs: "RB: gilda" and "VO: gilda". The "VO: gilda" tab is active, showing a form for navigating RLS. The form includes a "FROM SE" field with the value "grid009.ct.infn.it 1978154328 Mb of freespace on mount point /flatfiles", a "TO SE" field with the value "grid015.pd.infn.it with 1978154328 Mb of freespace on mount point /shared", and an "LFN" field with the value "file5b8fd543-877db-11d8-a590-fe09ba3f08c8". A "Replicate" button is located below the LFN field. The page footer contains the INFN logo and text: "Data Services up Publish a File Navigate RLS powered by EngulfFrame 3.2 compliant with LCG-2 GRID.IT".

Navigate RLS: Remove a File



Welcome to the GENIUS INFN GRID Portal - Microsoft Internet Explorer

File Modifica Visualizza Preferiti Strumenti ?

Indietro Cercare Preferiti Multimedia Internet immediato Music Central Personalizzazione collegamenti Shopping Windows

Indirizzo <https://grid-tutor.ct.infn.it>

Collegamenti Cerca Comunità Cerca nel Web Opzioni

Google

INFN
Istituto Nazionale di Fisica Nucleare

Data Services
up
Publish a File
Navigate RLS

powered by
EnginFrame 3.2
compliant with
LCC-2
GRID.II

enginframe

genius

EGEE
Enabling Grids for
E-science in Europe

Grid Enabled web environment for site Independent User job Submission

RB: gilda YO: gilda RLS: GILDA Your Data Logout

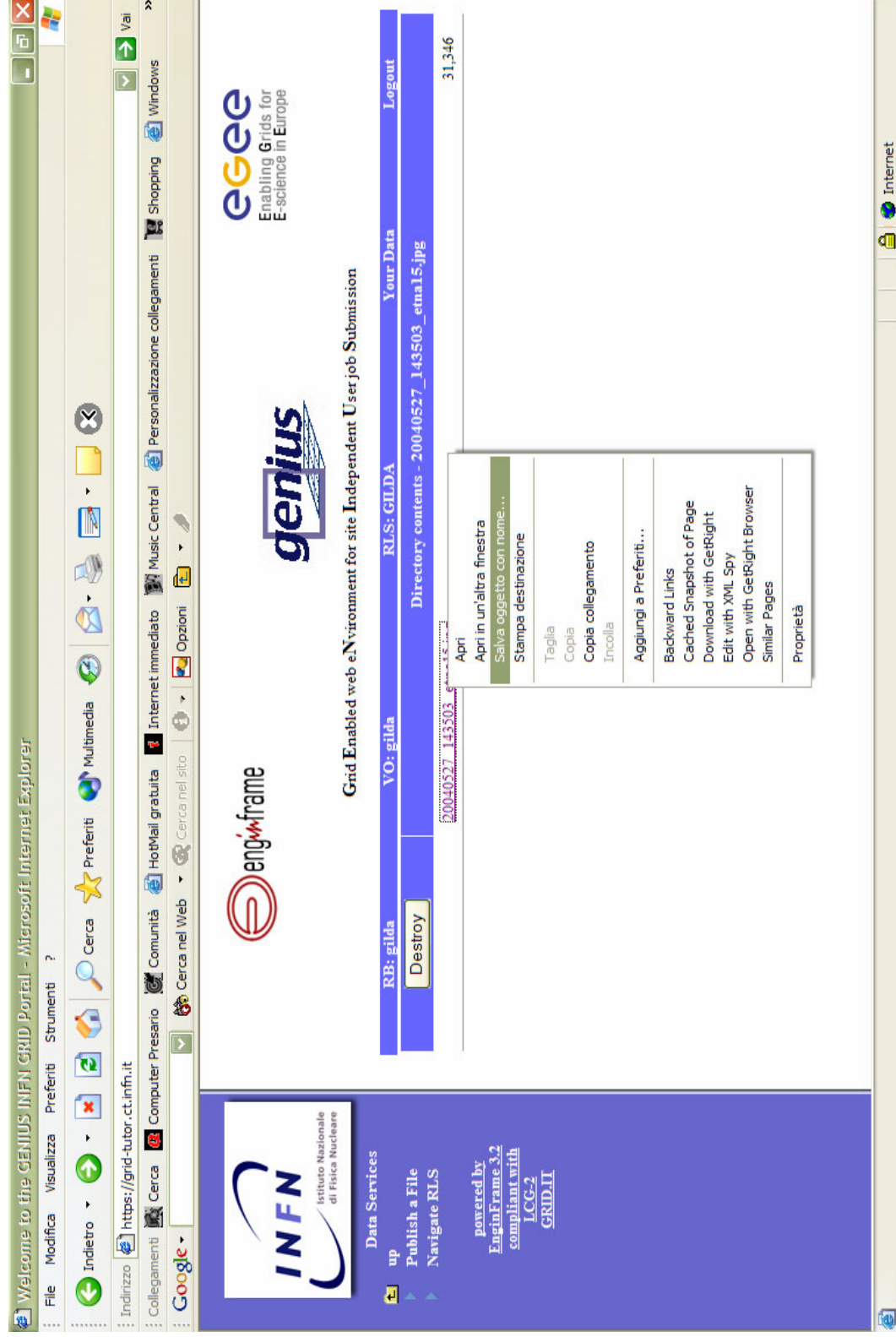
You have selected the file benchmark.png
This logical file corresponds to the following Physical File Name(s).
Click on the SRM(s) to remove it.

- <sfn://grid009.ct.infn.it/flatfiles/gilda/generated/2004-05-18/files9a2f92-a8a2-11d8-bcf8-a97864f6b14a>
- <sfn://grid015.pd.infn.it/shared/gilda/generated/2004-05-18/filecd8f2bf4-a8c7-11d8-8de7-a2d9f853bf3b>

The Best Replica

Internet

Navigate RLS: Download a File



Welcome to the GENIUS INFN GRID Portal - Microsoft Internet Explorer

File Modifica Visualizza Preferiti Strumenti ?

Indietro Cerca Preferiti Multimedia

Internet immediato Internet gratuito HotMail gratuita Cerca nel Web Cerca nel sito Opzioni

Indirizzo https://grid-tutor.ct.infn.it

Collegamenti Cerca Computer Presario Comunità HotMail gratuita Cerca nel Web Cerca nel sito Opzioni

Google

INFN
Istituto Nazionale di Fisica Nucleare

Data Services
up
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Navigate RLS

powered by
EnginFrame 3.2
compliant with
LCG-2
GRID.II

enginframe

genius
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egee
Enabling Grids for E-science in Europe

Grid Enabled web eNvironment for site Independent User job Submission

RB: gilda Destroy YO: gilda RLS: GILDA Your Data Logout

Directory contents - 20040527_143503_etal15.jpg 31,346

Apri
Apri in un'altra finestra
Salva oggetto con nome...
Stampa destinazione
Taglia
Copia
Copia collegamento
Incolla
Aggiungi a Preferiti...
Backward Links
Cached Snapshot of Page
Download with GetRight
Edit with XML Spy
Open with GetRight Browser
Similar Pages
Proprietà

Internet