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www.eu-egee.org

GILDA Project

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The GILDA project

(<https://gilda.ct.infn.it>)



Grid Tutorials

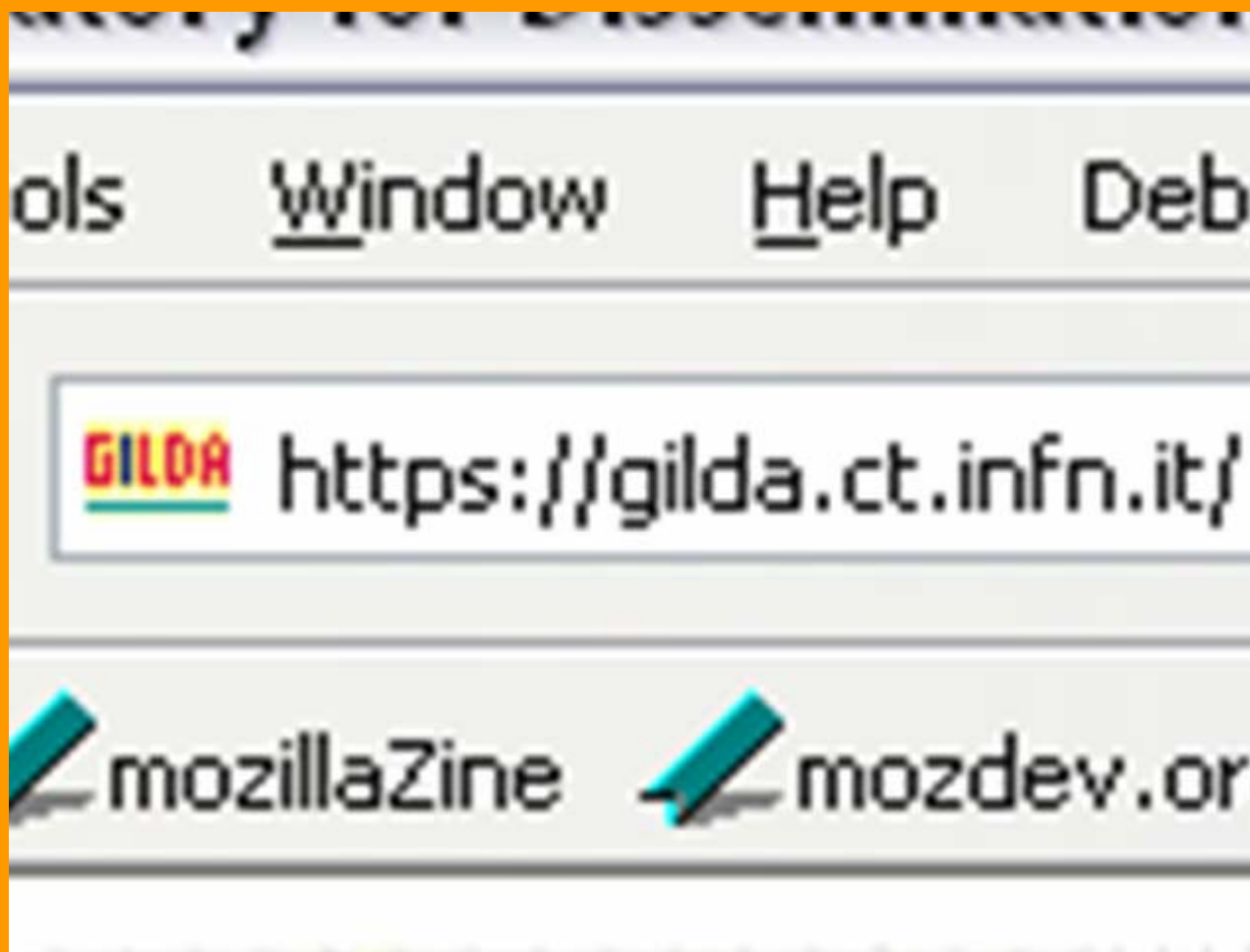
Video Tutorials

Live User Interface

User Interface PnP

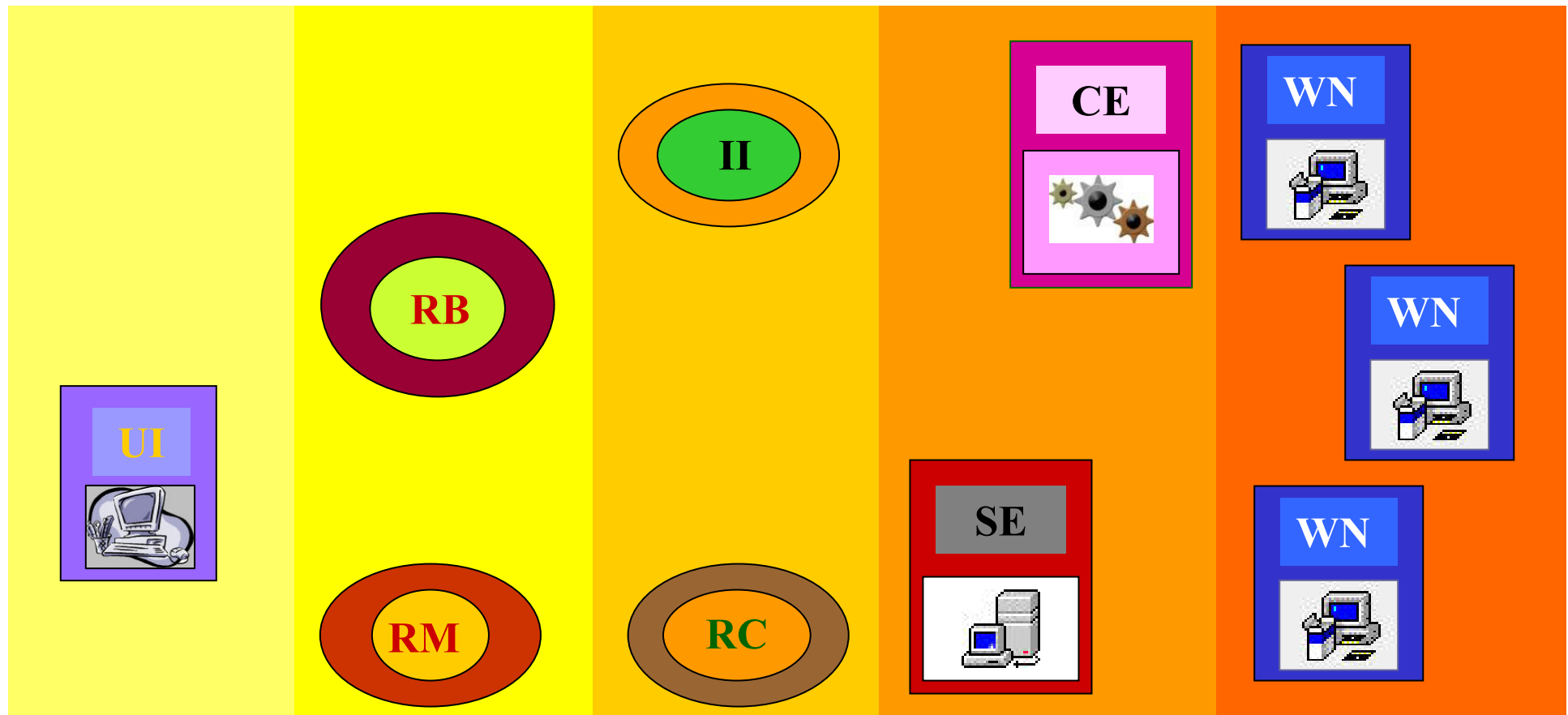
**Instructions for
users**

Instruction for sites



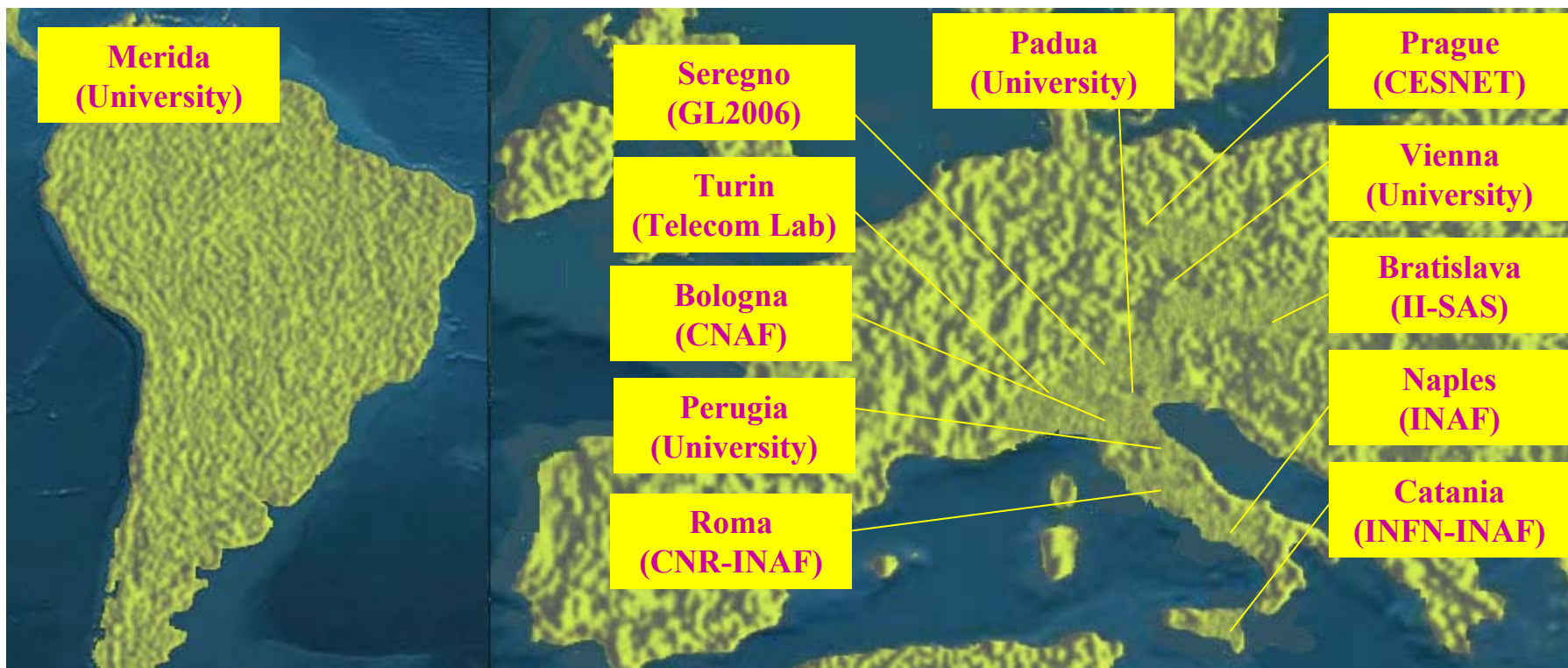
What is a “Testbed”?

Each Testbed's node played different roles.



The GILDA Test-bed

(<https://gilda.ct.infn.it/testbed.html>)



(3) LCG-2 Resource Broker (RB)

(1) gLite Resource Broker (RB)

(1)gLite Development Resource Broker (RB)

(1) gLite FiReMan Catalog

(1) Information Index (BDII)

(1) Backup Information Index (BDII)

(1) GILDA VO Server

(1) GridICE Monitoring System

(1) LCG-2 Replica Location Service (RLS)

(1) MyProxy Server

(1) Backup MyProxy Server

The GILDA Certification Authority (<https://gilda.ct.infn.it/CA>)



The screenshot shows a Mozilla browser window with the address bar containing <https://gilda.ct.infn.it/CA/>. The page title is "GILDA Certification Authority - Mozilla". The main content area features the GILDA logo (Grid INFN LABORATORY for DISSEMINATION ACTIVITIES) and the heading "The GILDA Certification Authority" in large red text. A left-hand navigation menu lists several options: General information, GILDA CA certificate, Request a personal certificate, Request an account, Request a host certificate, Check a personal certificate, and Certificate Revocation List. The main text explains that the GILDA Certification Authority issues temporary personal public key certificates compliant with the X.509 standard. It states that absolutely no identity check is performed on the requester, and the certificates have no value on any real production Grid Infrastructure. The authority is managed by Giuseppe Platania at INFN Catania, Via S. Sofia, 64, I-95123 Catania, ITALY. Contact information includes email (gilda-ca@ct.infn.it), telephone (+39 095 378 5469), and fax (+39 095 378 5231). Instructions are provided for inspecting certificates, requesting certificates, requesting accounts, and requesting host certificates.

The GILDA Virtual Organization

The screenshot shows a Mozilla browser window titled "GILDA Testbed - Grid INFN Laboratory for Dissemination Activities - Mozilla". The address bar contains "http://gilda.ct.infn.it/". The page features logos for INFN GRID and EGEE. A navigation menu includes buttons for HOME, TESTBED, CERTIFICATION AUTHORITY, REGISTER to the GILDA VO, Go to the GRID DEMONSTRATOR, GENIUS PORTAL, MONITORING, and CONTACTS. On the left, there is a sidebar with links: Grid tutorials, Instructions for users, Instructions for sites, Useful links, and Usage Statistics. The main content area is titled "Registration Form" and contains the following fields:

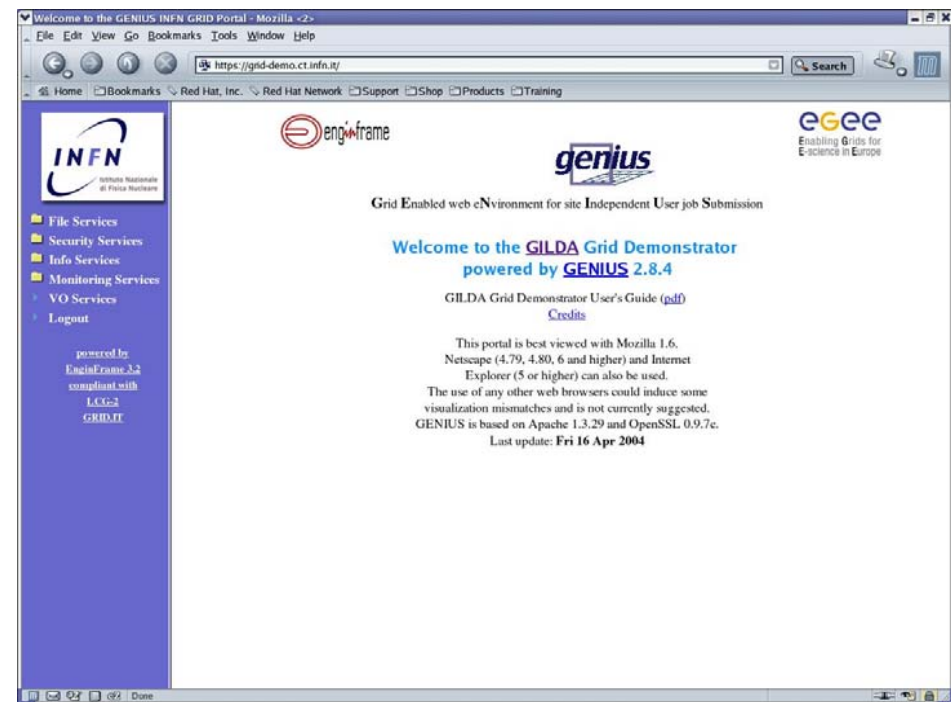
- Nome e cognome / First name and family name: Roberto Barbera
- Istituto/Institute: GILDA-INFN Catania
- Telefono/Phone number: +390951234567
- E-mail: roberto.barbera@ct.infn.it

Below the form, there is a "Selezione V0 / V0 choice:" section and a disclaimer: "La sottomissione della domanda implica l'obbligo ad un corretto uso delle risorse messe a disposizione dell'utente." At the bottom of the form are "Clear Form" and "Register" buttons.

GILDA Grid Demonstrator



- ★ *The GILDA Grid Demonstrator* is a customized version of the full **GENIUS** web portal.
- ★ 50 concurrent demo users setup. No certificates needed.
- ★ Each user can access the Gilda Grid Demonstrator at the “secure” URL <https://grid-demo.ct.infn.it>.

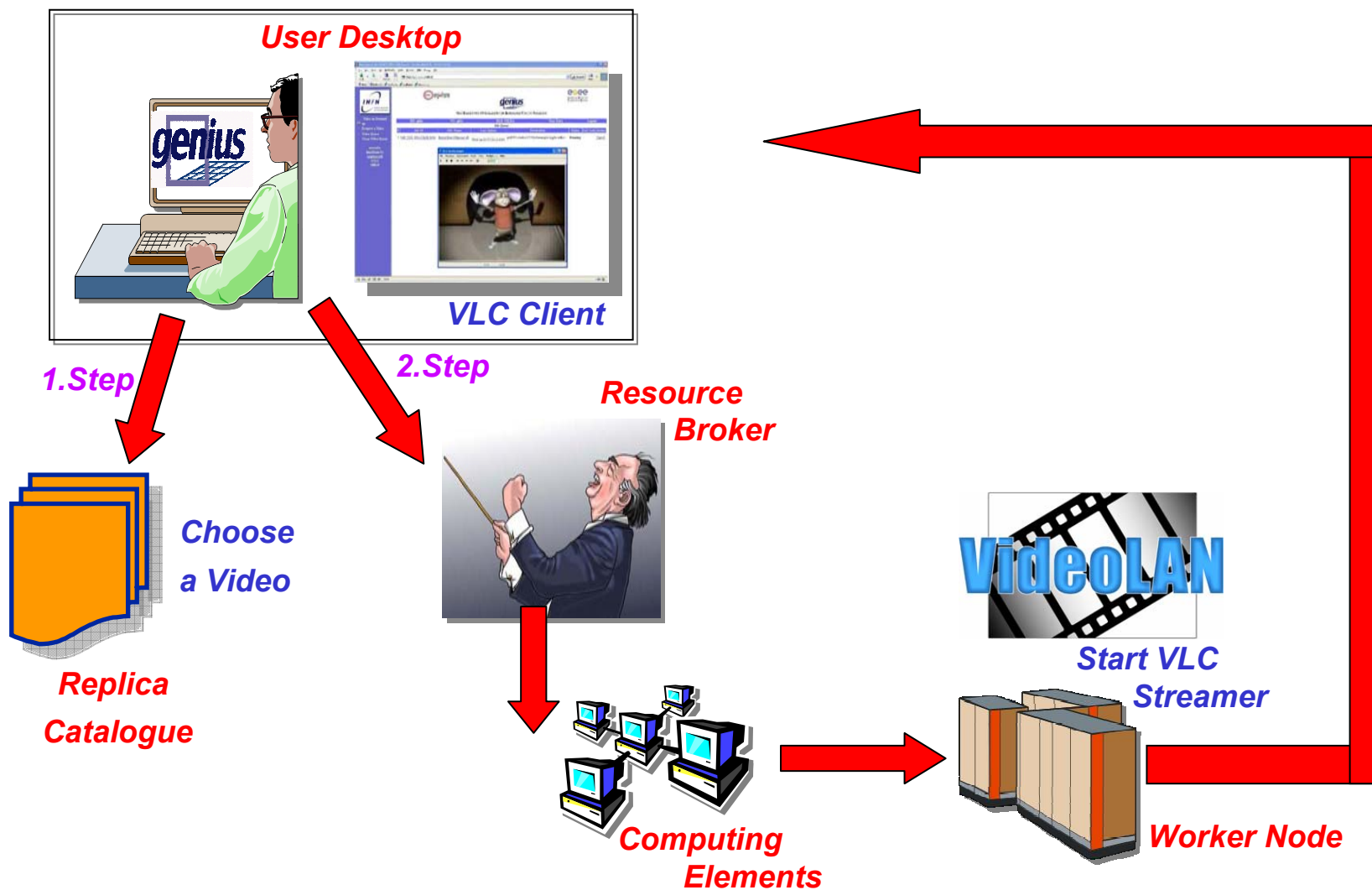


VLC Media Player

- ★ **VLC (initially VideoLAN Client)** is a highly portable multimedia player for various audio and video formats (**MPEG-1, MPEG-2, MPEG-4, DivX, mp3, ...**) as well as **DVDs, VCDs, and various streaming protocols**. It can also be used as a server to stream in unicast or multicast in IPv4 or IPv6 on a high-bandwidth network.
- ★ VLC media player is a cross-platform media player and server. It works under **Linux, Windows, Mac OS X, BeOS, BSD, Solaris, Familiar Linux** and **QNX**.
- ★ Last release **VLC.0.7.2** - May 2004.
- ★ More information about the VideoLAN streaming solution can be found in the streaming section <http://www.videolan.org/>.



The Video on demand application



Video On Demand in Real Time

Welcome to the GENIE Grid Portal - Athena (Build ID: 25510 11414)

eng@frame genius EGEE Enabling Grids for E-science in Europe

Grid Enabled with eNavon.com User via Independent User Job Submission

Job ID	Job Name	Last Update	Destination	Status	Exit Code	Action
1 184 522 825752DL-0024	Avatar/Avatar/Avatar/01	Wed Jun 23 17:50:2 2004	g14010 at infn.it:21190/obsmanger-egge-efit-2	Running		Cancel

WLC media player
Alien Song
©1998 victor navone

powered by: Eng@frame 3.0
operational with: LCG-2 GRID.IT

Welcome to the GENIE Grid Portal - Athena (Build ID: 25510 11414)

eng@frame genius EGEE Enabling Grids for E-science in Europe

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WLC media player
Avatar
©1998 victor navone

powered by: Eng@frame 3.0
operational with: LCG-2 GRID.IT

Conclusions and outlook for GILDA



- GILDA is a real virtual laboratory for dissemination of grid computing.
- It is a complete suite of grid elements (test-bed, CA, VO, monitoring system, web portal, video-tutorial, live user interface) and applications fully dedicated to dissemination purposes and pre-porting of new applications to EGEE Infrastructure.