

# EGI support services

## Science gateway developers

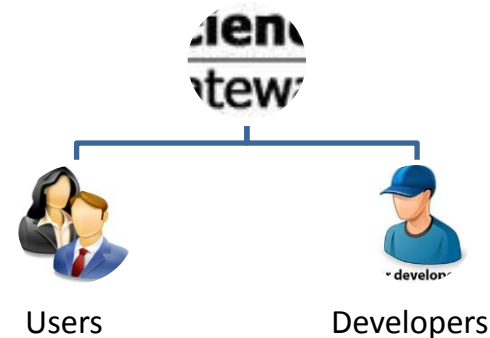
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- Science Gateway dedicated webpage
- Applications Data Base
- Training Marketplace
- Requirements Tracker
- Common Glossary
- Policies

- EGI Technical Forum 2011, Lyon
  - **Session:** [Portal technologies for EGI communities](#)
  - **Expected outcome:** best practices, latest developments, requirements, services and reusable software from the field
  - **Action plan:** to increase the visibility and comparability of portal technologies within EGI
  
- EGI Community Forum 2012, Garching
  - **Session:** [Portals and Gateways](#)
  - **Intro:** [Science gateways overview](#)

➤ Do you want to read more?

<http://go.egi.eu/sciencegateways>



EGI.eu services

Support services

Infrastructure services

HOME > SERVICES > SUPPORT SERVICES > SCIENCE GATEWAYS > SCIENCE GATEWAYS FOR DEVELOPERS

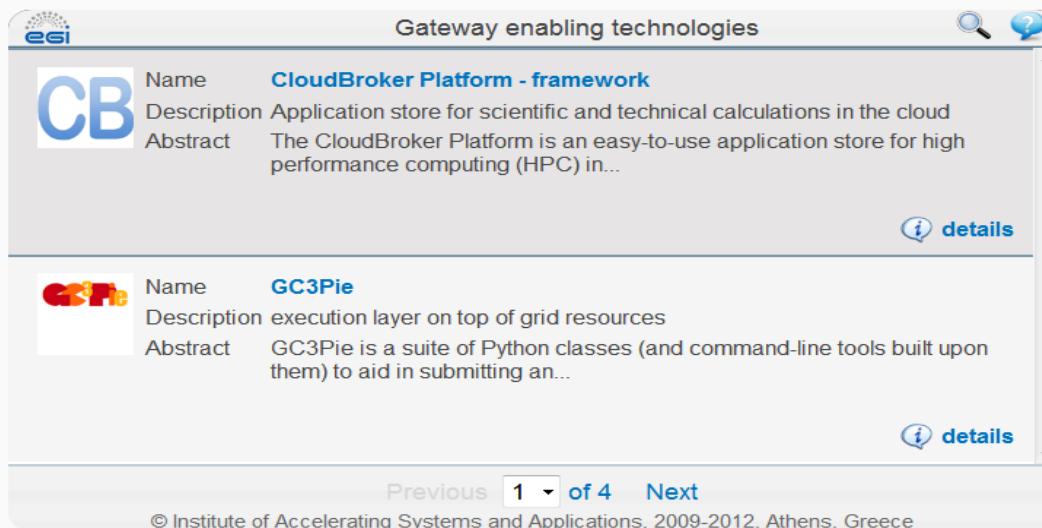
## Science gateways for developers

Enabling technologies are underlying capabilities that can provide required functionality for science gateways. Several communities, projects and National Grid Initiatives offer reusable 'off the shelf' components or frameworks for developers to build custom science gateways. These solutions can save time and effort when developing new gateways.



The list of EGI science gateway enabling technologies is provided below. If you are the provider of an EGI science gateway enabling technology and want to add your technology to this list, then please register it in the EGI Applications Database following these instructions.

### MORE INFORMATION

- [How to register your EGI science gateway](#)
- [Science gateways for users](#)



The screenshot shows a webpage titled "Gateway enabling technologies" with the EGI logo in the top left. It features two entries, each with a logo, name, description, and abstract. The first entry is "CloudBroker Platform - framework" with a "CB" logo. The second entry is "GC3Pie" with a "GC3Pie" logo. Both entries have a "details" link. At the bottom, there is a pagination control showing "1 of 4" and a copyright notice for the Institute of Accelerating Systems and Applications, 2009-2012, Athens, Greece.

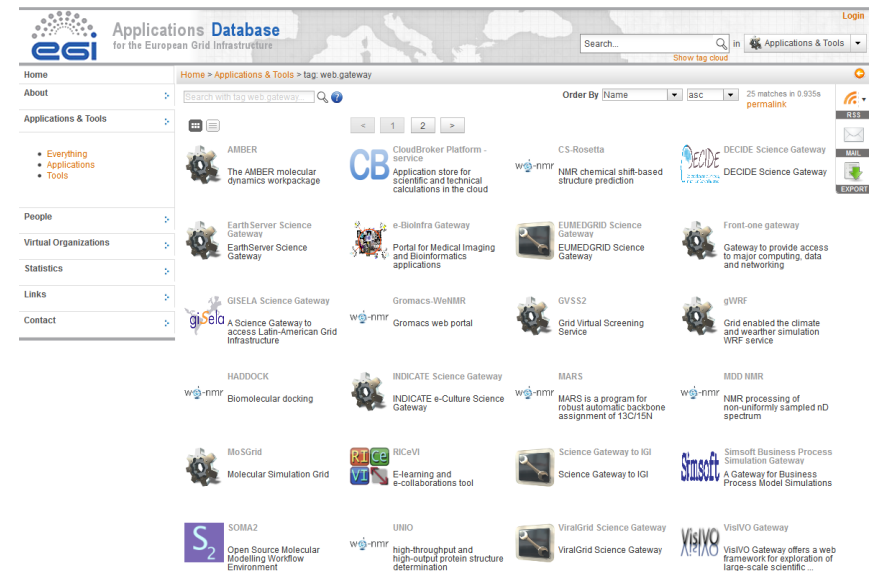
Logo	Name	Description	Abstract
	<b>CloudBroker Platform - framework</b>	Application store for scientific and technical calculations in the cloud	The CloudBroker Platform is an easy-to-use application store for high performance computing (HPC) in...
	<b>GC3Pie</b>	execution layer on top of grid resources	GC3Pie is a suite of Python classes (and command-line tools built upon them) to aid in submitting an...

Previous 1 of 4 Next

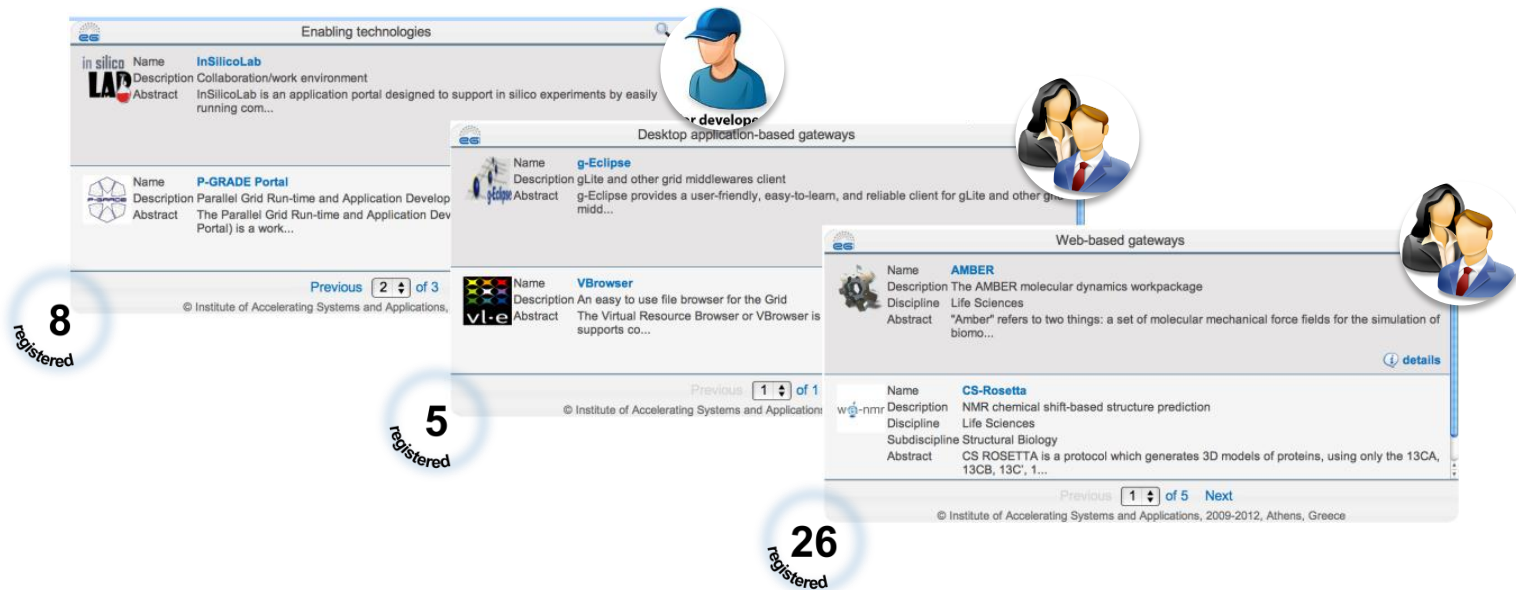
© Institute of Accelerating Systems and Applications, 2009-2012, Athens, Greece

## In a nutshell:

- Stores science applications / tools & ...
- ... categories feature (new feature)
- **Target audience:** researchers and developers
- **Rich set of features:**
  - Filtering and search capabilities
  - Dissemination (feeds, emails)
  - Tagging
  - Ranking & commenting
  - Problem reporting, ...
- **Access through:**
  - [web page](#)
  - [web gadget](#)
  - [API](#) (r+w)



<http://appdb.egi.eu>

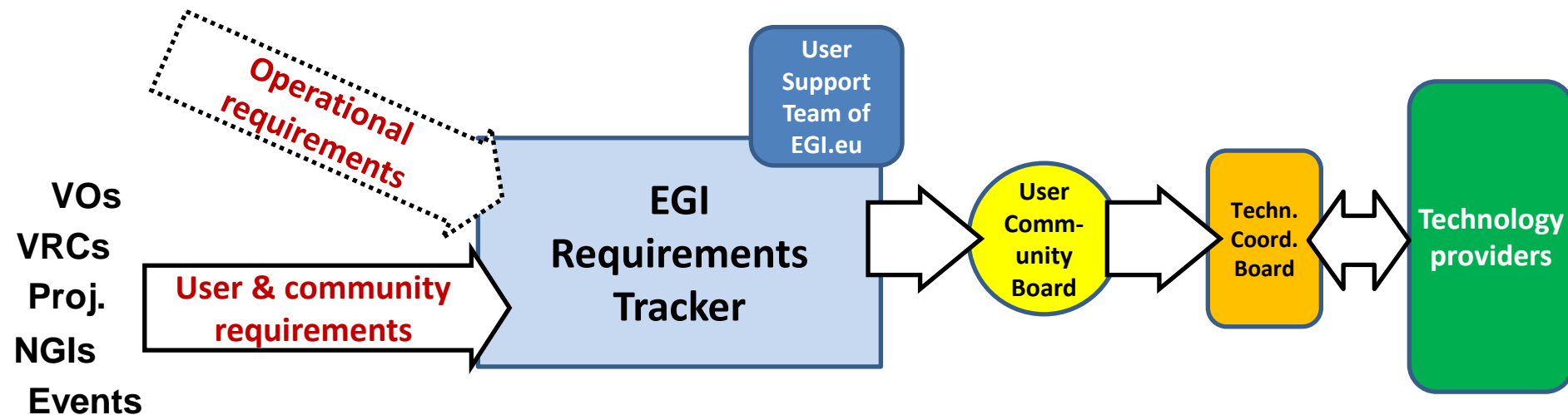


The screenshot displays three categories of registered Science Gateways (SGs) and Enabling Technologies in the EGI AppDB. Each category is annotated with a red circle containing a number and the word 'registered'.

- Enabling technologies:** 8 registered. Includes InSilicoLab and P-GRADE Portal.
- Desktop application-based gateways:** 5 registered. Includes g-Eclipse and VBrowser.
- Web-based gateways:** 26 registered. Includes AMBER and CS-Rosetta.

- Science gateways and enabling technologies are registered in AppDB
- Key information stored, such as SG description, access and download links
- AppDB gadget can be used to display customized SG lists in your homepage
- **Step by step instructions?**

<http://go.egi.eu/SG.register>



- Tool to record **community feature requests**
- Customizable dashboards
- Public access
- Gadgets available:
  - List requirements
  - Submit requirements

<http://go.egi.eu/requirements>

EGI.eu services

Support services

Infrastructure services

HOME > SERVICES > SUPPORT SERVICES > TRAINING MARKETPLACE

## Training marketplace

- Are you organising a training event? Advertise it!
- Did you create an online course? Share it!
- Do you provide a training resource? Announce it!
- Do you require support for training? Look for it!

### MORE ABOUT THE TRAINING MARKETPLACE

- [The EGI Training Marketplace](#) (Inspired, Summer 2011)

Search for:

Browse:  Events  Online Training  Training Resources  University Courses

Advertise:  Events  Online Training  Training Resources  University Courses



Enter your keywords:

gateways

## Search results

### [Science gateways in EGI](#)

Thematic educational slides about EGI Science **Gateways** (SG) to support virtual research environments. An overview of EGI ecosystem is provided emphasizing the domain/community services where SGs ... nuno.ferreira@egi.eu Science **gateway**,Primer ...

### [SCI-BUS, SHIWA, EDGI joint Summer School on Workflows and Gateways for Grids and Clouds](#)

SCI-BUS will also show how to customize the generic WS-PGRADE/gUSE **gateway** according to the needs of various user communities and create application-specific science **gateways** for these communities. ... on the WS-PGRADE/gUSE **gateway** so it is a good case study how to customize the WS-PGRADE/gUSE **gateway** for specific ...

- Gadget also available
- **Read more about this service here:**

[http://go.egi.eu/Training\\_Marketplace](http://go.egi.eu/Training_Marketplace)

## Why a common glossary?

- EGI community is composed by **heterogeneous actors**
- EGI actors contribute to provide and/or consume services for e-Science
- Actors expressed **the need to identify a common set of terms** which definition is agreed and shared so to improve the understanding and consistency of documents
- The **EGI glossary** addresses this need

## Who maintains the glossary?

- [EGI Glossary Coordination Group](#)

## Want to know more?

- EGI Glossary - latest version: <http://wiki.egi.eu/wiki/Glossary>



## Title

### [VO portal policy](#)

**Policy statement:** this Policy applies to all Portals operated by Virtual Organisations that participate in the Grid

### [Policy on Grid Multi-User Pilot Jobs](#)

**Policy statement:** security policy for operation of multi-user pilot jobs.

### [Grid Security Traceability and Logging Policy](#)

**Policy statement:** this policy defines the minimum requirements for traceability of actions on Grid Resources and Services as well as the production and retention of security related logging in the Grid.

### [Service Operations Security Policy](#)

**Policy statement:** this security policy presents the conditions that apply to anyone running a Service on the Infrastructure, or to anyone providing a Service that is part of the Infrastructure.

[http://go.egi.eu/policies\\_procedures](http://go.egi.eu/policies_procedures)

# What's in all this for me?

Service	
<b>EGI SG webpage</b>	Single point of access
<b>AppDB</b>	Register SG's and their enabling technologies
<b>RT</b>	The way to feed SG community requirements
<b>TM</b>	Promote SG related events and training material
<b>Glossary</b>	Shared set of terms across all the functional areas of EGI
<b>Policies</b>	Establish the playground
<b>Social Media</b>	Dissemination channels open

- Science Gateway Primer Virtual Team can make use of these services ...  
... and 'tweak' them if there's the need of.

## EGI support services Science gateway developers

Thank you.