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D5.3.5-R1 – Periodic 6 Monthly Releases From Month 12

Activity 5: Toolset repository building

WP 5.3: Repository releases, documentation and maintenance

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Dissemination Level		
PU	Public	
PP	Restricted to other programme participants (including the Commission)	
RE	Restricted to a group specified by the consortium (including the Commission)	X
CO	Confidential, only for members of the consortium (including the Commission)	

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1. Executive Summary

The main objective of this document is to describe the first release of the 6-monthly periodic release starting from BEinGRID project month 12. The releases shall assure substantial exploitation of project results. Only components of a certain quality level will be accepted for the releases. This document will describe briefly and very concise the current status of the website <http://www.gridipedia.eu>, which is part of the public BEinGRID Workspace.

2. Introduction

2.1 Scope and Purpose

This document aims at describing the current status of the website <http://www.gridipedia.org> or more general the Public Gridipedia Workspace¹. It is part of the BEinGRID Repository and exists beneath the official project's website <http://www.beingrid.eu>. The different types of BEinGRID workspaces are describe in detail in the official deliverable D5.1.1 "Definition of Repository Structure and Filling Strategy" [1] and in Figure 1.

The main objective of having a Public Gridipedia Workspace is currently summarized as follows: *"GRIDIPEDIA is being developed as the number one source of information on Grid related technology and its application to business. It aims to become the main "Grid marketplace", enabling individuals and organisations to create, provide and use Grid technologies to meet their business challenges. It is developed as part of the BEinGRID project (Business Experiments in Grid)."*²

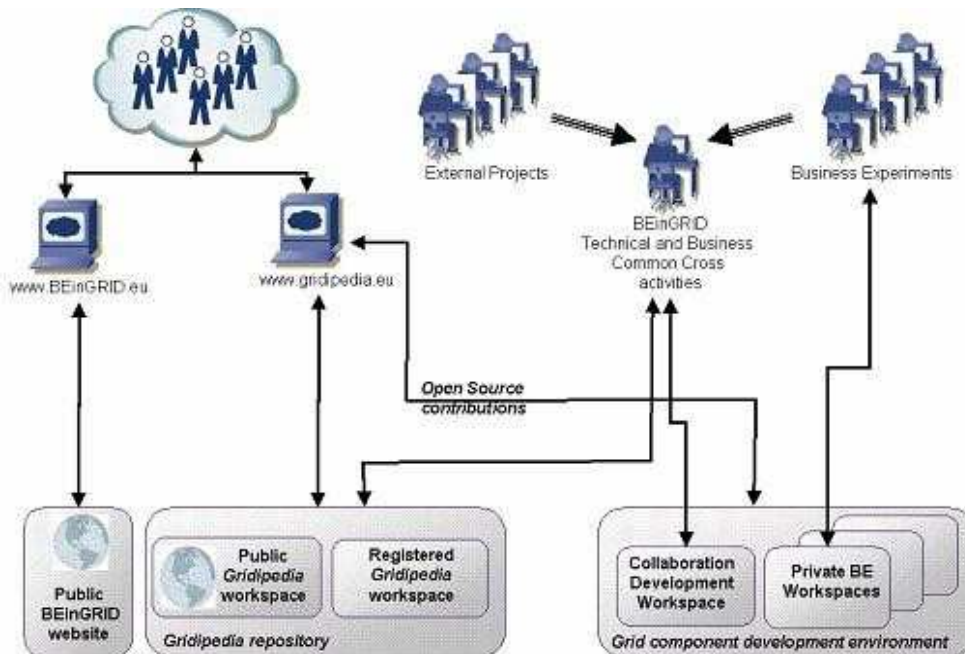


Figure 1 - BEinGRID and Gridipedia Workspaces

Although there is and will be a strong relationship between BEinGRID project and Gridipedia during project's runtime in terms of content provisioning, Gridipedia is intended to become the "The European Grid Marketplace" even beyond the BEinGRID project.

To achieve this goal substantial input has to be delivered from the BEinGRID project to the Gridipedia website. As the current state of the BEinGRID project is not advanced enough to have produced appropriate contributions in terms of software components, which can be organised by a detailed definition of a release process or the like, this document will focus on the description of the current state of the Public Gridipedia Workspace solely.

¹ For this document both - the website and the workspace - will be called *Gridipedia* to simplify matters.

² This self description was taken from the Gridipedia website on 20th June, 2007.

Therefore, Chapter 3 contains a brief description of the content, which is already there, or is intended to be there shortly after a reasonable amount of time. The decision for documenting menu items in this deliverable that are currently not filled properly, serves the purpose to have a documentation of the current status of the content structure and to simplify the identification of progress.

Activity5 has decided to include success measurements in future releases of this document and to present their results also in this report. These success measurements can be realized for example by analyzing the Log-Files of the web server with a tool which is or is similar to Webalyzer [2], [3], [4]. It was also decided, that although the first version of this document was made by hand, in future releases this has to be automated as far as possible. It is expected that this automated process will be based on appropriate databases queries, which will be defined within this document.

2.2 References

- [1] D5.1.1 Definition of Repository Structure and Filling Strategy, Deliverable of the BEinGRID Project, Confidential
- [2] <http://www.patrickfrei.ch/webalyzer/>
- [3] <http://www.stonesteps.ca/projects/webalyzer/>
- [4] Analog, <http://www.analog.cx/>
- [5] D1.2.1 Report on classification of grid solutions, Deliverable of the BEinGRID Project, Confidential

2.3 Glossary of Acronyms

Acronym	Definition
BE	Business Experiment
BEinGRID	Business Experiments in Grid
CMS	Content Management System
D	Deliverable
ID	Internal Deliverable

Table 1 - Glossary of Acronyms

2.4 Glossary of Terms

Public Gridipedia Workspace: The public workspace which can be accessed via the Gridipedia website (<http://www.gridipedia.eu>). Apart from the website front-end the workspace consists of a back-end component for maintaining the content, users, groups etc. of the website. Both, front-end and back-end, are considered to be the Public Gridipedia Workspace. Currently it is provided by the BEinGRID Project and is technically realised with the CMS Typo3.

3. Public Gridipedia Workspace

3.1 Introduction

Each release of D5.3.5 will list each item inserted, updated, deleted in the repository. It is an inventory of the repository content that will identify:

- Report Items
- Link Items
- Software Components
- Websites

Software Components will be identified in a tables listing information like the following:

Component Name	Version	Date	Responsible Person
CompXY	Business Experiment	21/06/2007	Mr. X

Table 2 – Metadata Schema for Software Components

If not mentioned explicitly, most of the hosted artefacts are expected to be websites. A legal valid disclaimer will be added very soon.

3.2 Home

This section of the webpage contains a general description of Gridipedia and the BEinGRID project as well. Therefore, sections from current newsletter are copied.

3.3 Grid Middleware

Shortly you will find here information about existing Grid Middleware. In the first place this will be information on Grid Middleware that are used in the BEinGRID project, but will be extended later on. This information will contain a short description of the middleware and a classification of middleware.

This list of links and short descriptions will be categorized by Grid middleware classification defined in D1.2.1 [5].

3.4 Existing Grids

This section lists links to some pre-selected existing Grid solutions. The solutions are categorized as “national”, “European” and “international”.

3.4.1 National

- D-Grid, e-Science Grid Framework for Germany
- DutchGrid, Large-scale Distributed Computing in The Netherlands
- NGS, National Grid Service, UK
- OMII-UK, Open Middleware Infrastructure Institute UK
- Swegrid, Swedish national computational resource

3.4.2 Europe

- EGEE, Enabling Grids for E-science

3.4.3 International

- OSG, Open Science Grid, US
- TeraGrid, US

3.5 Grid Business

This section will hold market analysis, market watches, legal perspective, business models and similar artefacts.

3.5.1 Grid Business Today

This section of the workspace is currently not filled. The content of this section will be:

- Grid Trends, Commercial Products and Service including outside links for the companies/products
- Grid Success Stories
- Grid Market Watch
- Grid International
- Other downloads

3.5.2 Spreading the Grid

This section of the workspace is currently not filled. The content of this section will be:

- List of latest events (conferences/workshops etc) related to Grid, how BEinGRID was represented and associated papers (produced from BEinGRID in downloadable pdfs) – a small paragraph per event
- Grid-related News
- Future events with external links

3.5.3 Grid Training

This section of the workspace is currently not filled. The content of this section will be:

- Explain what BEinGRID can offer
- BEinGRID training materials
- Next related events (also including training event outside Grid) with external links
- Registration for the Grid Training (opens a registration page in a new tab)

3.5.4 Grid Legal

This section of the workspace is currently not filled. The content of this section will be:

- Present the work of BEinGRID in that area
- Provide downloadable public documents from WP2.6

3.5.5 GriDIC

This section of the workspace is currently not filled. The content of this section will be a dictionary of Grid terms in alphabetical order.

3.6 Technical Solutions

This section of the workspace is currently not filled. All these part of the website will be filled

with short description of the Activity1 Clusters. Following Template has to be used:

- Problem Description
- Solutions
- Partners

The subtopics of this section will be:

- Data Management (Not yet Filled)
- Security (Not yet Filled)
- Licence Management (Not yet Filled)
- Service Level Agreements (Single page, OK)
- VO Management (Multiple Pages, OK)
- Portals (Not yet Filled)

3.7 About the Repository

This section will contain general information on the Gridipedia workspace. It is expected that this part of the website will be similar to the brief description of the repository given in this document (cp. page 6).

3.8 FAQ

This section of the workspace is currently not filled. This section will be section for FAQ. It will be filled constantly during projects runtime.

The following questions are supposed to be answered:

- What is Gridipedia about?
- What is BEinGRID?
- What are the rules to contribute?

3.9 Links

3.9.1 Middleware

This section hold links to existing grid middleware. Currently mentioned are:

- gLite, Lightweight Middleware for Grid Computing
- Globus Toolkit
- GRIA, Grid Resources for Industrial Applications
- Unicore, Uniform Interface to Computing Resources

3.9.2 Projects

This section lists links to different Grid projects. Currently mentioned are:

- BEinGRID, Business Experiments in Grid
- Akogrimo, Access to Knowledge through the Grid in a mobile World
- BREIN, Business objective driven REliable and Intelligent grids for real busiNess
- CoreGRID, European Research Network on Foundations, Software Infrastructures and

Applications for large scale distributed, GRID and Peer-to-Peer Technologies

- D-Grid, German grid initiative
- EGEE, Enabling Grids for E-science
- NextGRID, Architecture for Next Generation Grids
- OMII-Europe, Open Middleware Infrastructure Institute
- OMII-UK, Open Middleware Infrastructure Institute UK
- SIMDAT, Grids for Industrial Product Development
- XtremOS, Building and Promoting a Linux-based Operating System to Support Virtual Organizations for Next Generation Grids

3.9.3 News

This section lists links to different Grid News websites. Currently mentioned are:

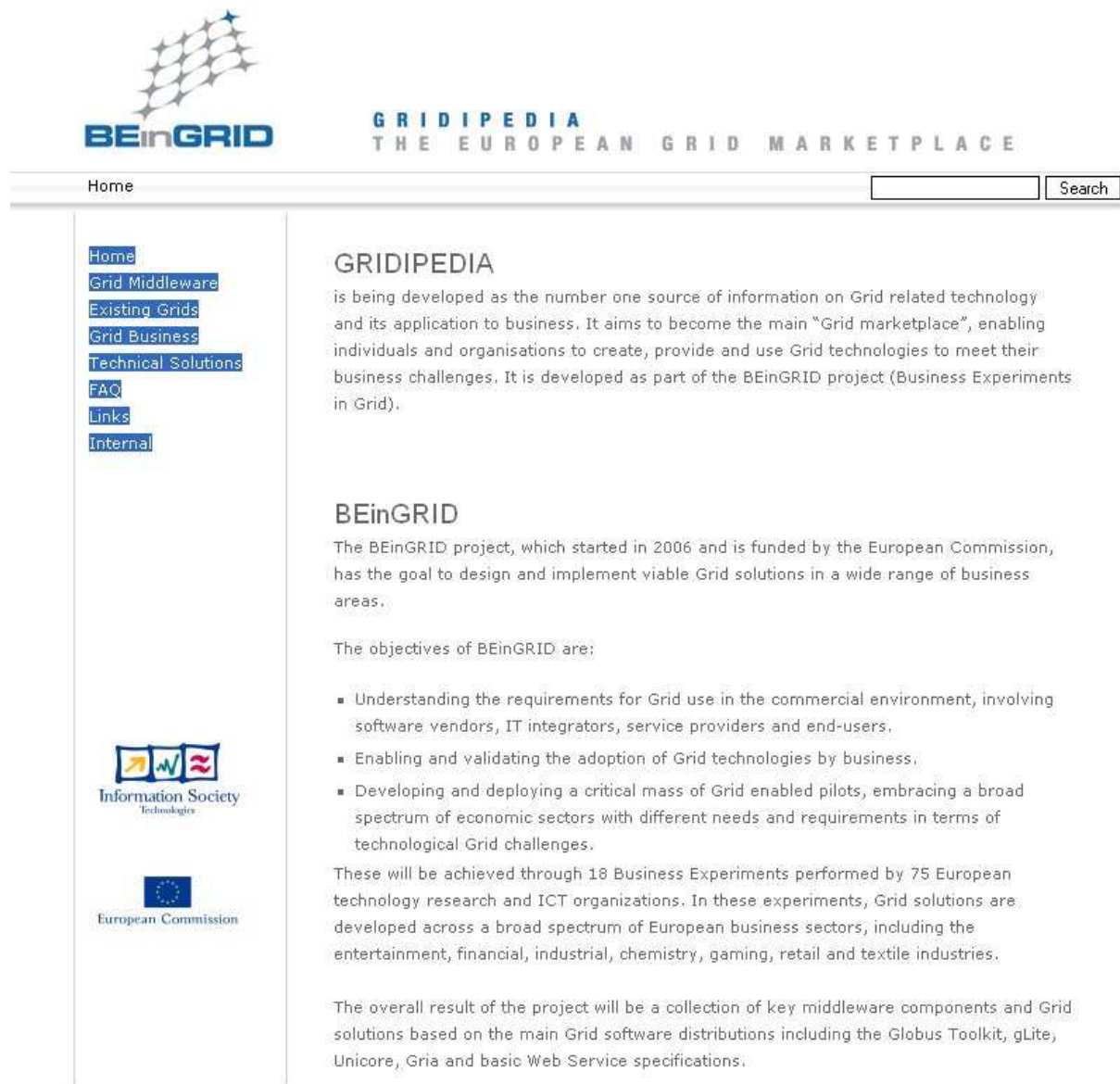
- GridsWatch, Grid Computing Portal
- GRIDtoday, Global News and Information from the evolving Grid ecosystem
- iSGTW, international Science Grid This Week
- Primeur, Monthly newsletter about European high performance computing developments

3.10 Internal

The internal section will be only accessible for registered users³.

³ These will be front-end users in Typo3 terminology.


Annex A. Screenshots




The screenshot shows the public Gridipedia Workspace website. At the top left is the BEinGRID logo. To its right is the text "GRIDIPEDIA THE EUROPEAN GRID MARKETPLACE". Below this is a navigation bar with a "Home" link and a search box with a "Search" button. The main content area is divided into two columns. The left column contains a vertical menu with links: Home, Grid Middleware, Existing Grids, Grid Business, Technical Solutions, FAQ, Links, and Internal. The right column features a "GRIDIPEDIA" section with a paragraph describing its purpose as a source of information on grid technology and its application to business. Below this is a "BEinGRID" section with a paragraph about the project's start in 2006 and its funding by the European Commission. This is followed by a list of objectives and a paragraph about the project's achievements through 18 Business Experiments. At the bottom of the right column, a paragraph describes the overall result of the project. The left column also includes logos for Information Society Technologies and the European Commission.

Home Search

[Home](#)
[Grid Middleware](#)
[Existing Grids](#)
[Grid Business](#)
[Technical Solutions](#)
[FAQ](#)
[Links](#)
[Internal](#)


Information Society
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European Commission

GRIDIPEDIA

is being developed as the number one source of information on Grid related technology and its application to business. It aims to become the main "Grid marketplace", enabling individuals and organisations to create, provide and use Grid technologies to meet their business challenges. It is developed as part of the BEinGRID project (Business Experiments in Grid).

BEinGRID

The BEinGRID project, which started in 2006 and is funded by the European Commission, has the goal to design and implement viable Grid solutions in a wide range of business areas.

The objectives of BEinGRID are:

- Understanding the requirements for Grid use in the commercial environment, involving software vendors, IT integrators, service providers and end-users.
- Enabling and validating the adoption of Grid technologies by business.
- Developing and deploying a critical mass of Grid enabled pilots, embracing a broad spectrum of economic sectors with different needs and requirements in terms of technological Grid challenges.

These will be achieved through 18 Business Experiments performed by 75 European technology research and ICT organizations. In these experiments, Grid solutions are developed across a broad spectrum of European business sectors, including the entertainment, financial, industrial, chemistry, gaming, retail and textile industries.

The overall result of the project will be a collection of key middleware components and Grid solutions based on the main Grid software distributions including the Globus Toolkit, gLite, Unicore, Gria and basic Web Service specifications.

Figure 2 - Public Gridipedia Workspace, 20th June 2007

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D5.3.5 Periodic 6 monthly releases from month 12

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