

BELIEF-II Project and Digital Library Overview Grey Literature on e-Infrastructures

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Objectives

The mission of BELIEF-II is to coordinate effective communication, results, networking and knowledge flow between EU e-Infrastructures projects and their users, promoting their development and exploitation globally. BELIEF-II, funded by the EU's FP7, is a one-stop home for public documentation on e-Infrastructures.

More specific objectives are the following:

- ✓ Provide a unique, communication platform (Portal & Digital Library) for projects to manage their content, communicate activities to users and the public to learn more about e-Infrastructures. This information is readily accessible to BELIEF community members through the Digital Library, especially developed to provide a central repository for grey documentation (deliverables, presentations, manuals, reports, technical documents, videos, etc.).
- ✓ Ensure Europe's diverse e-Infrastructures projects evolve in synergy with one another to ensure common directions and efficient interaction.
- ✓ Reinforce the relevance of Europe's e-Infrastructures worldwide sustaining successful development and exploitation.

Project Information:

Title: Bringing Europe's eElectronic Infrastructures to Expanding Frontiers Phase II
Start date: April 1, 2007
Duration: 24 months
Coordinator: Metaware SpA, Italy
Partners:
- Institute of Information Science and Technology, CNR-ISTI, Italy
- National and Kapodistrian University of Athens, Greece
- ERNET, India
- Escola Politécnica da Universidade de São Paulo, Brasil
- Brunel University, UK
- Meraka Institute - CSIR, South Africa

Project Website and info:

<http://www.beliefproject.org/>
mailto: info@beliefproject.org


DL URL and info:

<http://belief-dl.research-infrastructures.eu/>
mailto: dl@beliefproject.org



The Global Access Point to e-Infrastructures

Digital Library Key Features

- ✓ The DL provides services to support the submission, description, searching, browsing, retrieval, access, preservation and visualization of multimedia documents.
- ✓ Users can define the information space which they want to search/browse upon in terms of collections.
- ✓ Collections can be created interactively, based on the archives the documents are to be selected from.
- ✓ Different search/browse options are offered: Google-like or fielded.
- ✓ Full compliant Open Access implementation via the OAI-PMH  protocol.

Digital Library Technical Approach

- ✓ The DL is implemented on top of the OpenDLib Digital Library Management System (<http://opendlib.research-infrastructures.eu/>)
- ✓ Uses Dublin Core Qualified (DCQ) encoding for the purpose of interoperability.
- ✓ Accepts input in any among DC, DCQ (recommended), MARC, UNIMARC, MARC21, MARCXML formats.
- ✓ Implements harvesters based on OAI-PMH or any API returning an XML file containing metadata encoded in one of the above formats.
- ✓ In addition to its full OAI-PMH compliancy, implements a set of APIs to be easily used by programmers to interface basic functions of the DL.

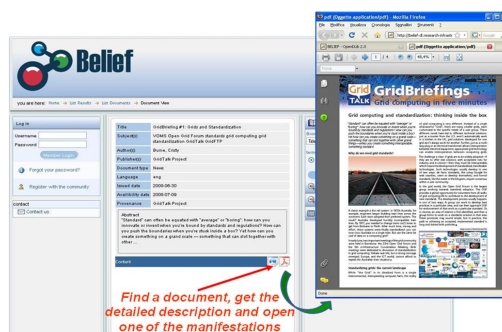
Digital Library User Interface

The DL's User Interface has been designed to reflect the most recent advances in UI usability:

- ✓ The look and feel let users have an extremely comfortable access to functionality and content.
- ✓ All most common functions can be easily accessed via one-click commands.
- ✓ Most of the relevant information related to a document are shown in the same window.



The DL Interface Look & Feel



Accessing DL Content

DL Facts and Figures

The DL's Community ranges on more than 80 projects, initiatives and organisations inside and outside Europe. The DL offers nearly 15.000 grey documents harvested from their repositories and websites. The DL's content is organised around 20 collections based on grey document types (articles, conferences, deliverables, news, presentations, technical documents, etc.), 15 thematic collections (Interoperability, Security, Sustainability, etc.), plus a specific collection for each of the 80 Community Member. The following table shows the trend of accesses to the DL in terms of the average and max values as collected by the statistical tools of the DL.

Monthly trend	Avg	Max
Hits per Hour	121	3225
Hits per Day	2911	8043
Files per Day	1547	5862
Pages per Day	514	1127
Visits per Day	29	73

DL Contact for Information:

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