Open Access to Grey Literature on e-Infrastructures: The BELIEF-II Project Digital Library

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Project objectives

• Provide a powerful **communications platform** (Portal & Digital Library) for all e-Infrastructures projects and initiatives
  – Supports document management, dissemination and open access to grey literature

• Facilitate **international networking** between e-Infrastructures projects and end-users

• Explain and **promotes global e-Infrastructures** among researchers and general public
Digital Library (DL)

Single channel for projects & users...

- To manage their content
- To communicate their documents to the scientific community and to the public
- To be a unique access point to find e-Infrastructures multi-media compound documents
- To spare resources for the setup and maintenance of a project repository
- To guarantee preservation of material after the projects come to end
DL Key Features

- 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.
DL 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 of a set of APIs to be easily used by programmers to interface basic functions of the DL.
User Interface Look & Feel

Community + Information Space + Content Access...

...capabilities in a single work space to:

Maximise the information users can get at a glance

Minimize the number of interactions needed to access a meaningful "piece of data"
Advanced Capabilities for Librarians

Submit News  
Create Personal Collections

Manage Private Groups  
Create Documents Models & Implement Review Cycles
Accessing Content

Find a document, get the detailed description and open one of the manifestations.
Some facts on content’s organisation

• 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.)
  • A specific collection for each of the 80 Community Member
Types and figures of grey documents

Total = 15,000 ca.
BELIEF Project data

- Research Infrastructures INFRA-2007-3.0-03
  Studies, conferences and coordination actions supporting policy development, including international cooperation for e-Infrastructures
- Duration: 24 months
- Total budget: 1.250.000 €
- EC contribution: 900.000 €
- Time plan: April 2008 – March 2010
- Web site: http://www.beliefproject.org/

- Coordinator:
  Metaware SpA, Italy
  http://www.metaware.it/

Partners
- CNR-ISTI, Italy
  http://www.isti.cnr.it/
- National and Kapodistrian University of Athens, Greece
  http://uoa.gr/
- ERNET, India
  http://www.ernet.in/
- Escola Politecnica Universidade de São Paulo, Brazil
  http://www.poli.usp.br/
- Brunel University, UK
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