SEVENTH FRAMEWORK PROGRAMME
Research Infrastructures

FP7-ICT-2011-7

DEEP

Dynamical Exascale Entry Platform

Grant Agreement Number: 287530

D2.2
Dissemination Package

Approved

Version: 2.0
Author(s): L. Palm, BADW-LRZ
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**Project and Deliverable Information Sheet**

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* - The dissemination level are indicated as follows: PU – Public, PP – Restricted to other participants (including the Commission Services), RE – Restricted to a group specified by the consortium (including the Commission Services). CO – Confidential, only for members of the consortium (including the Commission Services).

**Document Control Sheet**

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**Authorship**

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Executive Summary

This deliverable D2.2 “Dissemination Package” describes the work performed and the results achieved in the Work Package 2 “Dissemination, outreach and training” for a dissemination package for the DEEP project and its partners.

The web presence is the central element in the dissemination activities of the DEEP project and is the main part in the dissemination package. The dissemination package is mainly available in electronic form. This document describes summaries in printed form. It describes as well the technical background of the web presence and its management. An overview on the material for publications available to the partners at the BSCW server is also given.

1 Introduction

Disseminating the lessons learned from the DEEP project and the hardware and software work on the DEEP System is a major objective of the project. This document describes the dissemination package that assists the partners in achieving this objective.

The DEEP dissemination package is comprised of

- The DEEP project’s web site at www.deep-project.eu
- The flyer available for disseminating information about the DEEP project at exhibitions, conferences etc.
- Material for publications available at the BSCW server

This document describes the structure, the content and the technical details of the public web pages of the DEEP project (www.deep-project.eu). The web site became available on April, 16th, 2012. The content will be maintained by two editors (BADW-LRZ and JUELICH) from the WP2.

2 The web site www.deep-project.eu

The web site is mainly addressing at visitors from the general public that have heard about the DEEP project and want to learn more about it. Thus, colourful and impressive graphics are important. But also detailed information is delivered.

2.1 Web site status

The DEEP web site became available at http://www.deep-project.eu on April, 16th, 2012. It is an important part of the project dissemination as stated in the deliverable D2.1.

Technically, the web site is hosted at JUELICH. The PMT at JUELICH and the task leader of task 2.1 “Dissemination” at BADW-LRZ have access to the Content Management System.

At the end of May, the web site contains all material about the DEEP project that may be made available to the public at present.

2.1.1 Design and implementation

All pages have the same header with the DEEP logo, the search input field, which starts a search across all DEEP web pages, and the six main headings of the sub-pages. The footer, which is also common to all pages, shows the logos of the EC 7th Framework Programme.
(FP7), of the e-infrastructure and the European flag, all linked to the corresponding web sites, and provides the links to the imprint, which is mandatory for all web sites hosted in Germany by the federal telecommunications law, and the contacts page.

The graphical design of the web site was created by the media designer of Jülich Supercomputing Centre who also designed the DEEP Logo. The appearance enhances the DEEP project’s corporate design establishing the deep-blue background with the prominent white logo. The DEEP web site uses the Content Management System “Government Site Builder” (GSB), a commercially available software based on Coremedia which is widely used at German ministries and other governmental bodies. “Government Site Builder” is the Content Management System used for the web site of the portal and all institutes at Forschungszentrum Jülich.

2.1.2 Web editing process

Contributions to the web site from the project partners are sent to the PMT or to WP2. WP2 reviews whether the contribution is in accord with the rules for dissemination.

The DEEP web site contents can be edited by two editors from WP2 (BADW-LRZ and JUELICH). These editors will gather all relevant information from the partners and insert it to the web pages. The contents will be checked once a week for being up-to-date. Partners will be reminded regularly to give information to the editors.

2.2 The structure and contents of the web site

The web site displays the publicly available information about DEEP as part of the “Europe on Exascale” effort, about hardware and software architecture as well as the applications on the home page. The home page links to the pages

- Project
- Publications
- Deliverables
- Press Corner
- News
- Jobs

On the right hand side of the home page the next events are listed at which the DEEP project will be presented.

2.2.1 Home page www.deep-project.eu

The homepage states that the project is funded by the EU 7th Framework Programme, gives a short introduction to the project and a presentation of the three main projects topics “Hardware architecture”, Software architecture” and “Applications”. At the right margin, dates of events and meetings will occur together with a block of so-called service links (Flyers, Partners, Internal Login) being of interest on all pages.
2.2.2 Project

The section “Project” provides information on the project goals and facts and will give thorough information about the hardware and software architecture as soon as the architectures become available. The pilot applications are also shown in this section.

2.2.3 Publications

All publications in scientific journals and presentations on conferences, workshops or exhibitions are listed in this section.

2.2.4 Deliverables

This section presents a list of all deliverables.

2.2.5 Press Corner

Here all press releases are gathered and all articles about the project that appeared in newsletters or periodicals are listed.

2.2.6 News

This section provides an overview on short news from the project and on the coming events. It also presents all past events and news to keep track of the project history.
2.2.7 Jobs

Here job offers by the project partners regarding the DEEP project are placed.

2.2.8 Applications

The pilot applications are presented on a dedicated web page with images and links to the respective web pages:

![Image of DEEP project website with applications](image_url)

Figure 2: The project description page of the DEEP project at www.deep-project.eu

2.2.9 Service Links

Beneath the normal navigation of each web page, there are the so-called service links that might be useful to have in any context of the DEEP web site. Up to now, three links have been chosen to be presented here: Flyers, Partners and Internal Login (BSCW). These topics are expected to be looked for very often and should be easily found on any page.
2.3 Technical Requirements

The DEEP web site is hosted at Forschungszentrum Jülich (JUELICH) using the web server infrastructure provided by the local division “IT Services”. The web site resides on the public part of Jülich’s web server infrastructure and, therefore, only contains information available to the public.

2.3.1 Domain

The domain www.deep-project.eu has been registered by Forschungszentrum Jülich (JUELICH) with the domain provider Knipp Medien und Kommunikation GmbH (www.knipp.de). It has been valid from April, 19th, 2011 and is automatically prolonged annually.

2.3.2 Server, Databases, Software, Back-up

The web server infrastructure consists of

- 4 content delivery servers on HP ProLiant DL380 G6 servers with the operating system SLES 11.1
- Apache 2.2 httpd server with Tomcat 6.0.28
- Oracle database 11.1
- Content Management System “Government Site Builder” version 4.1
- 3 TB disk space

The infrastructure is maintained by the division “IT Services” of Forschungszentrum Jülich on terms of an around-the-clock service (24/7). Automated data back-ups are done daily. Software back-ups are made as new versions are available. No restrictions on disk space exist for the DEEP project.

2.3.3 Web statistics

Web statistics will also be provided by the “IT Services” division, starting in May 2012. The DEEP Project Management Team and the web editors will have access to the statistics. The statistics can provide detailed information on who read the web site (sorted by computers,
robots, countries) and on what has been read or downloaded (sorted by document types) as well as summaries for daily or monthly overviews.

3 Material on BSCW server

Material for publications and presentations by the project partners has been made available on the BSCW server.

3.1 The DEEP project flyer

A flyer is available to present the DEEP project at conferences and exhibitions. The flyer introduces the DEEP project as part of “Europe on Exascale”, sketches the hardware and software architecture of the DEEP prototype as well as the pilot applications.

The flyer is currently under revision to popularise the web page, reflect the web sites’ layout (white DEEP logo on deep-blue background) and update the textual information. The new version will be available in printed form at the ISC’12, June 18th-21st, 2012, Hamburg, Germany.

![The DEEP project flyer: “Europe on Exascale” (cover) and the pilot applications (back)](image)

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The DEEP project flyer (3.1)  
A Microsoft PowerPoint template for presentations including the logos and a note on the funding by the European Community’s 7th Framework Programme (Figure 6)  
A ready-to-use short MS PowerPoint presentation on the DEEP project  
All logos related to the DEEP project  
Publications and presentations from the DEEP project partners
Figure 6: The PowerPoint template for presentations of the DEEP project
List of Acronyms and Abbreviations

B
BADW-LRZ: Leibniz-Rechenzentrum der Bayerischen Akademie der Wissenschaften.
Computing Centre, Garching, Germany
BSCW: Basic Support for Cooperative Work, Software package developed by the
Fraunhofer Society used to create a collaborative workspace for collaboration
over the web

D
DEEP: Dynamical Exascale Entry Platform: EU-FP7 Exascale Project led by
Forschungszentrum Juelich

E
EC: European Commission
EMEA: Europe, the Middle East and Africa, Regional designation used for
government, marketing and business purposes
Exaflop: $10^{15}$ Floating point operations per second
Exascale: Computer systems or Applications, which are able to run with a performance
between $10^{15}$ and $10^{18}$ Floating point operations per second

F
FLOP: Floating point Operation

G
GSB: “Government Site Builder”, the Content Management System used for the web
site of the DEEP project

I
Intel: Intel GmbH Braunschweig, Germany
ISC: International Supercomputing Conference, Yearly conference on
supercomputing which has been held in Europe since 1986

J
JUELICH: Forschungszentrum Jülich GmbH, Jülich, Germany

S
SC: International Conference for High Performance Computing, Networking,
Storage, and Analysis, organized in the USA by the Association for
Computing Machinery (ACM) and the IEEE Computer Society

W
WP: Work Package