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Research Infrastructures**

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PRACE

Partnership for Advanced Computing in Europe

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**D3.1.2
Public web site for PRACE**

Final

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Document Control Sheet

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Keywords:	PRACE, HPC, Research Infrastructure
Abstract:	This document describes status, structure and the content of the PRACE public web site (www.prace-project.eu).

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References and Applicable Documents

- [1] <http://www.prace-project.eu>
 [2] D3.1.1 Final plan for the use and dissemination of foreground
 [3] <http://plone.org>
 [4] <http://www.hexagonit.fi/>

List of acronyms and abbreviations

EC	European Commission
PRACE	Partnership for Advanced Computing in Europe
WP3	Work Package 3: Dissemination, Outreach and Training
CSC	CSC, the Finnish IT center for science

Executive summary

This document describes the structure, contents and update process of the PRACE public web site (www.prace-project.eu).

Web presence is a central element in the dissemination activities of PRACE. The web site became publically available in March 2008 after an intensive internal evaluation period. CSC maintains the web site. An editorial team has been created to update the contents.

1. Introduction

The web site itself is the actual deliverable D3.1.2. This document accompanies the deliverable and describes in section 2. how the web site was created and how it will be maintained. Section 3. describes the structure of the web site and the functions that are available to the user.

2. Status of the Web site

The PRACE public web site is available at <http://www.prace-project.eu> since March 2008 after intensive internal testing. It has a central role in the dissemination of PRACE which is described in detail in deliverable D3.1.1 Final Plan for the Dissemination of Foreground.

2.1 *Design and Implementation*

The design and implementations was subcontracted to Hexagon IT Ltd. [4], who is in charge of the underneath middleware of the PRACE web site. With farming out the web site design and conception to a subcontractor the PRACE consortium wanted to ensure the most efficient way to create a professional, up-to-date web presence for PRACE. The appearance of the web pages reflects the corporate design of PRACE created by the advertising agency Up-To-Point Ltd. The content management system PrimaControl delivered by Hexagon IT Ltd. gives additional value to the PRACE web site by providing automatic patching and upgrades.

The web site provider Hexagon IT Ltd. was chosen as the web site supplier after a competitive bidding with four candidates for the following reasons: the content management system PrimaControl is based on Plone [3] open source software and it is easy to use, the pricing was competitive and Hexagon IT Ltd. is a long-term partner with CSC.

Time scale for the implementation: a demo version has been available from the 19th of February for testing. The initial version of the public web site for PRACE has been published on the 20th of March. User guidelines and content creation guidelines will be available from the 31st of March. The content creators (WP3 team members) will be trained to use PrimaControl system on the 1st of April.

2.2 *Update Process for the Web pages*

The web site is administrated by CSC. An editorial team has been defined consisting of the Dissemination Team (Work Package 3). It is headed by CSC, the work package leader. All members have the authority to update the web pages to ensure rapid but controlled updates if new information becomes available. The updates are performed using a content management system (PrimaControl) The web site content will be checked at least once a week and updated if needed.

3. Structure and Contents of the Web site

An important design criterion for the web site was ease of use for the potential users of PRACE and the interested public. The chosen technology allows extensions to the structure both regarding the number of topics as well as the depth of the information. A web site visitor interested in PRACE can register or subscribe a mailing list in order to be timely informed when new materials are published in the web site.

The structure of the web site is presently divided into seven main headings that are linked from the main page.

3.1 Main page

The main page gives a short presentation of the project with links to further subpages e.g. latest news and events. It also informs the reader that the PRACE project is funded by the European Commission's 7th framework programme. This is reinforced by displaying the logos of the European e-Infrastructure, the 7th Framework programme and the European Union.

3.2 About PRACE

The first section "About PRACE" provides basic information on the initiative. It contains a subsection

Partners which lists the five principal project partner institutions and the nine general project partner institutions.

3.3 Activities

The work of the PRACE project is presented here following the structure of the project's work plan. The objectives and the description of work are presented here. Results will be added as soon as they become available.

3.4 Use cases

The use cases section is divided into two sections: scientific and industrial use. Success stories are collected from PRACE partners and published here. In addition, the user experiences gained from working on the prototype systems will be presented in this section.

3.5 Documents

The PRACE project foresees a number of documents that are open for public. Approved public deliverables and other technical documents of the project are stored in this section. Also the PRACE Newsletters and related video material will be found here.

3.6 *Press corner*

Both articles of interest to the press, like press releases from PRACE, and information about PRACE that has been published in the press will be presented here. All published press releases, general presentations of the project, flyers and brochures will be available for download here. The Press corner also includes a list of the most important articles with web-links if possible and contact details for media.

3.7 *News*

The latest news will be listed on the PRACE main page. There will also be an archive for all the published news items. A RSS feed system exists to inform individuals about the latest updates.

3.8 *Events*

The event section presents events organized or participated in by PRACE. A list of the most current events will be available on the PRACE main page. There will also be an archive for previous events and the PRACE presentations given in them. Event information pages with registration forms of the events hosted or organized by PRACE (e.g. PRACE winter/summer school) will be found here. A RSS feed system exists also in this section to inform individuals about the latest updates.

3.9 *Future sections*

New functions can be added to the PRACE web site without disrupting the structure. For example, the survey on training needs will be conducted from the PRACE web site. Also a blog can easily be added to the PRACE web site for future reference. More functionalities as well as new sections will be added later on (e.g. Google analytics, Google maps, database for scientific visualizations, newsletter) if needed.

4. Annex

Home Administrator log in

Home

About PRACE

Activities

Use cases

Documents

Press corner

Contact us







Welcome to PRACE

The Partnership for Advanced Computing in Europe prepares the creation of a persistent pan-European HPC service, consisting several tier-0 centres providing European researchers with access to capability computers and forming the top level of the European HPC ecosystem. PRACE is a project funded in part by the EU's 7th Framework Programme.

Supercomputers are indispensable tools for solving the most challenging and complex scientific and technological problems through simulations. To remain internationally competitive, European scientists and engineers must be provided with leadership-class supercomputer systems. PRACE, the Partnership for Advanced Computing in Europe will create a persistent pan-European high performance computing (HPC) service and infrastructure. This infrastructure will be managed as a single European entity. European scientists and technologists will be provided world-class leadership supercomputers with capabilities equal to or better than those available in the USA and Japan. The service will comprise three to five superior HPC centers strengthened by regional and national supercomputing centers working in tight collaboration through grid technologies. In other words, the partnership will become a unique entity of the pan-European HPC ecosystem.

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News

- » Starting a European Research Infrastructure 2008-01-30
- » PRACE-Partnership for Advanced Computing in Europe launched in January 2008-01-09
- » Memorandum of Understanding signed for the Partnership for Advanced Computing in Europe (PRACE) 2007-04-17

more...

Events

- » DEISA Symposium, 28-29 April, Edinburgh (UK)
- » CUG 2008, 5-8 May, Helsinki (FI)

more...

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Figure 1: The main page for the PRACE web site (www.prace-project.eu)