DeSyRe
on-Demand System Reliability

Project External Website

CONTRACT NR	287611
TYPE OF DOCUMENT	Deliverable D7.1
AUTHOR	I. Sourdis
ABSTRACT	Web presence is the central element in the dissemination activities of the DeSyRe Project. This document describes the structure, the content and the update process for the DeSyRe Project Public Website. The actual deliverable is available at: www.desyre.eu
WORKPACKAGE	WP7
CONFIDENTIAL	No

DOCUMENT HISTORY

Release	Date	Comments	Status	Distribution
v0.1	21-12-2011	Creation	Draft	CHAL
V1.0	31-12-2011	Final version	Final	ALL Partners

Contents

1. Design and Implementation

The DeSyRe Project Public Website (www.desyre.eu) was implemented by the Neurasmus web designer and webmaster and hosted at a new webserver installed at Chalmers. The appearance of the website reflects the corporate image of the project through a clean and functional design and a simple logo.

The website is based on a Drupal Content Management System. Drupal is a free content management system which allows maximum flexibility for content updates and allows extensions to the structure both regarding the number of topics as well as the depth of the information.

2. Structure and Content

The structure of the website is presently divided into the following main headings.

2.1   Home

This main page frames the larger DeSyRe Project problem and describes the high level project objectives. It informs the reader that the project is funded by the European Commission's 7th framework programme and contains the generic European flag and FP7 logos. It also mentions the area of activity of the project through the Cooperation link at the bottom of the page.

2.2   Partners

The "Partners" page presents the complete list of Partners and links to their institutional websites as well as introduces the key individual contributors to the project via short biographical sketches.

2.3   Industrial Advisors

The "Industrial Advisors" page introduces the members (and their organization) of the Industrial Advisory Board. It also provides a short description of the purpose of the board.

2.4   Publications

The "Publications" page lists all scientific publications related to the project beginning with the most recent publication. A link to the complete paper will be provided when possible (based on copyright permissions).

2.5   Press Center

The "Press Center" offers quick access to project Press Releases as well as articles that have been published about the project. This page also includes downloads for the project logos.

2.6   Deliverables

The "Deliverables" page provides immediate access to all public deliverables. For all Deliverables that are not public, it will include a description and provide a point of contact for obtaining more information. Moreover, when logged into the Public Website, all project participants will have immediate access to all deliverables.

2.7 Contact

The "Contact" page provides a form for contacting the Coordinator for inquiries regarding the DeSyRe Project or the Public Website.

2.8 Partner Login

Te "Partner Login" page redirects users to the intranet private pages of the project. In these pages the beneficiaries of the project will be able, after login, to get access to the project wiki pages, the code repository (with version control), and important information related to the project work-packages and project management information (Gantt chart, calendar, task progress, etc.).

2.9 News

The "News" sidebar is a blog of the latest technical achievements as well as dissemination activity on the project. It is visible on all of the project pages and organized through web syndication.

3. Content Updates and Maintenance

The Project Coordinator, is responsible for driving website updates on a regular basis as a part of the Dissemination and Exploitation Work Package (WP7). The Project coordinator strives to update news on a monthly basis as well as maintain that Press Releases, publications and deliverables are posted in a timely manner. Each Executive Board Member is responsible for and has the administrative rights to make modifications to the descriptions of his or her respective institution as well as the descriptions of each team member. The website backend (web server) is maintained by Chalmers staff.

4. Preview

The following is a preview of the DeSyRe Public Website at the time of writing this document. However, it should be noted that the Executive Board is currently working to simplify the content of "Home" and will potentially expand the site to include an "About" page. Thus, the actual content may vary from the screen capture below.

5. Technical Implementation

The following technical requirements and implementation were defined by the DeSyRe Webmaster in conjunction with the Project Coordinator and the Chalmers Team.

5.1 Domain

The domain used for the DeSyRe Public Website is www.desyre.eu. This domain has been registered by the Project Coordinator under the name of Chalmers via the registration company Loopia AB (www.loopia.se) and is valid from October 2011 through October 2012. It must be renewed on a yearly basis.

5.2 Server

The server is on a dedicated machine for supporting the DeSyRe webpage, Intranet and Collaborative tools. Due to security reasons the access to this server is limited to SSH protocol, and it is only open to the internal Chalmers network (no external access). The web requests to the DeSyRe Public Website are forwarded from an external machine with apache server installed and configured with specific apache proxy directives.

The server is a new Dell blade server with the following hardware configuration: 2 GB RAM, 1TByte RAID HDD, Intel Xeon X3450 64-bit, 8 MB Cache, 2.66 GHz. Since all machine administration is performed remotely, it does not have a monitor, keyboard or mouse.

The server has the following software configuration:
- Operating System: Linux SLES 10 SP 2
- Web server: Apache 2.2.3
- MySQL server version: 5.x - MySQL 5.0.26
- PHP 5.x - PHP 5.2.5

Figure 1 - DeSyRe Public Website

5.3   Software

For the Public Website the following software has been used:
- Drupal version 6.16

5.4   Security

The Public Website is password protected.

5.5   Back-up

Manual Backups of the Public Website including databases are performed every 2 weeks by the Chalmers team.

5.6   Disk Usage and Bandwidth

The Public Website is updated regularly, and some potentially large files are uploaded to and downloaded from it. The Public Website content types include news, publications, personal partner pages, photos and documents. The web server and its implementation have the disk space and Internet bandwidth to handle these types of content and to afford the level of concurrency expected given the number of users in the project, but also to accommodate the Intranet pages of the project.