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Abstract: The structure and the content of the central CrossGrid Project Web pages

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1. CROSSGRID WEB PAGES

1.1. PURPOSE

The purpose of this document is to describe the structure of the central CrossGrid Web pages which are organized and maintained at CYFRONET, Poland, and the main project Dissemination & Exploitation Web pages which are organized and maintained by ALGO, Greece.

1.2. OBJECTIVES OF THE WEB PAGES

The CrossGrid Web pages have been created to support the management and coordination of the project. The pages will contain basic information about the project, all essential collaboration information and materials, links to WWW pages of all CrossGrid partners, other Grid projects, and Grid technology working groups and will also disseminate CrossGrid project news and information on forthcoming Grid events, in order to stimulate the active participation of CrossGrid partners.

1.3. TECHNICAL ASPECTS OF THE WEB PAGES

The central CrossGrid Web pages are set in the domain **eu-crossgrid.org** and are situated on the HP K570 server (system: HP UX 11.0) at CYFRONET. The following software has been used to design, create and manage of the central CrossGrid Web pages: MS FrontPage2000, Oracle Developer6i, Oracle AS9i/Portal.

The project Dissemination & Exploitation Web pages are set in the domain **crossgrid.org** and are situated on a MS-Windows 2000 server system operating at ALGO. This domain is based on "PHP-Nuke", a freely-distributed content management system written in the PHP language. The domain is powered by the Apache 1.3.22 web server and utilises the MySQL Relational Database Management System.

1.4. STRUCTURE OF THE WEB PAGES

The Home Page of eu-crossgrid.org consists of five main sections:

a. PROJECT
b. INTRANET
c. DISSEMINATION (link to Web pages designed by Algosystems)
d. PARTNERS
e. EVENTS

There is also a link from the Home Page to the CYFRONET section, which presents its two roles in the CG project:

- Project Management (Project Coordination and Architecture Team and Dissemination)

- Development

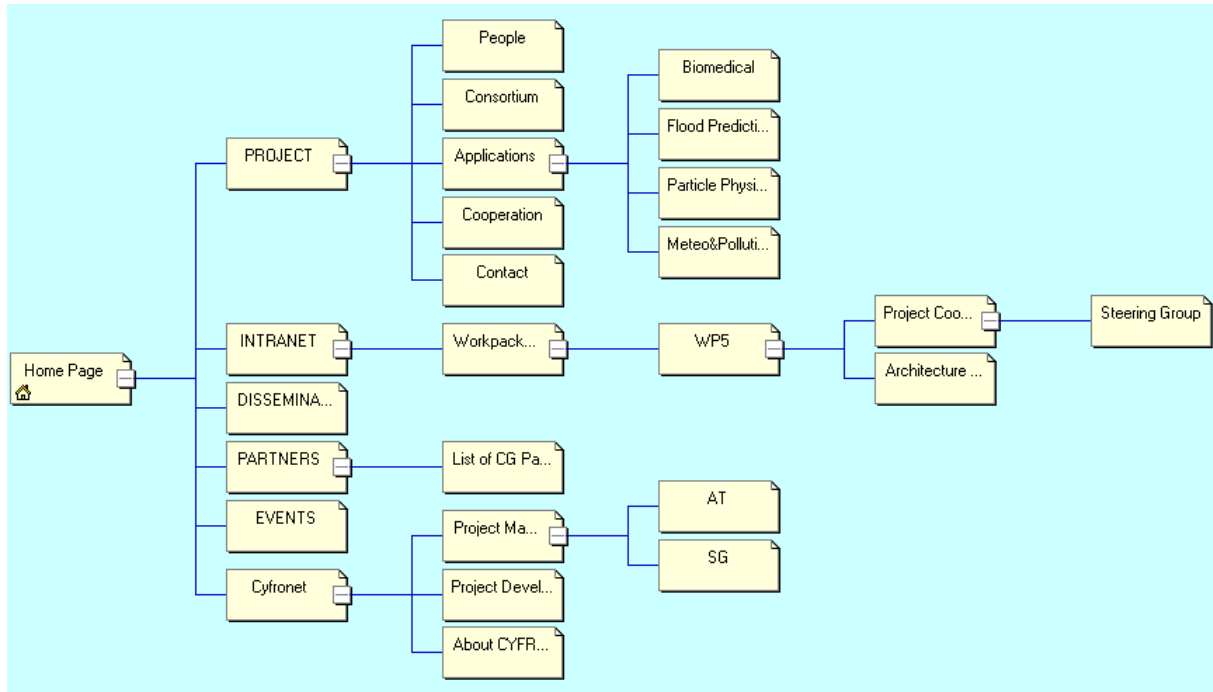Each section consists of one to several pages.

Figure 1. Main pages of the CrossGrid project Web domain

The crossgrid.org domain consists of a set of web pages, each of which is divided into two or, depending on the context, three columns. The leftmost and rightmost columns contain blocks of related links that enable the interactive manipulation and control of all the pages of the domain. These blocks are stacked one on top of the other. The leftmost column is always visible, whereas the rightmost column appears according to context. The central column always contains the main content of the page.

A toolbar that always appears at the top of each page contains buttons/links to the web sites of the different workpackages of the project, as well as common utilities.

The domain supports user accounts that are accessible via username and password. Some areas of the domain are accessible only to specific users, in effect the partners of the project.

1.5. SECTIONS OF THE WEB PAGES

The sections of the Home Page of eu-crossgrid.org are described in detail in the following.

PROJECT

The Project section contains the following pages:

- People – gives information on people involved in work that is being done for the CrossGrid project. There are two lists: the list with short information and the list with detailed information of each CrossGrid project member. The "search" possibility will be created for the detailed list.

- Consortium – describes the role of each organization in the CG project.

- Cooperation – contains links to other grid projects with which CrossGrid collaborates.

- Contact – gives contact information for the Project Coordinator, the CrossGrid project office and the Dissemination office.

- Applications – describes four applications which will be developed within the CrossGrid project. Links to the Web pages prepared by developers of each application are planned.

INTRANET

The section contains all essential collaboration information – news, announcements and links to all workpackage local pages – WP1, WP2, WP3, WP4 and WP5. The WP5 local pages have been designed at CYFRONET:

- web pages for task 5.1 – Coordination & Administration with Steering Group (contains Minutes of SG conferences, Agendas, Documentation). These pages are login protected.

- web pages for task 5.2 – prepared by the Architecture Team

The WP5 page also has links to the Dissemination (task 5.3) pages, designed by Algosystems, Greece, and the Internal Review Board - IRB (task 5.1) pages, designed by UCY, Cyprus.

DISSEMINATION

This is a link to the main Dissemination & Exploitation Web pages (at crossgrid.org), organized and maintained by Algosystems, Greece.

PARTNERS

This section presents a map of Europe showing all 21 CrossGrid partners from 11 countries.

The List of CrossGrid Partners link gives information on the 21 organizations/CrossGrid partners such as: full name, logos, link to their Web pages, contact persons.

EVENTS

Upcoming (and past) events, connected with grid problems, are collected on this page. These are conferences, workshops, courses.

The Calendar of events page will also be prepared.

There follows a list of the most important blocks in the leftmost column of crossgrid.org together with their individual links/functions:

a. **Dissemination -** This consists of the following links:

- *Project Overview*: This gives a short description of the project. A menu bar allows one to read about the project's partners, objectives, applications, new services and testbeds.

- *Brochures*: This provides access to the various brochures that have been and will be produced for the project.

- *Presentations*: This provides access to the various presentations that have been and will be produced for the project.

- *Papers*: This enables the downloading of various publicly available Grid-related documents.

- *Dissemination Plan*: This provides access to a clearly defined set of actions and procedures for the dissemination of the results of the project and the promotion of Grid issues in general.

- *Online news*: This also happens to be the home page of crossgrid.org. It lists a number of announcements of dissemination activities of the project, as well as articles relating to the project and the Grid in general. Items are stacked one on top of the other with the most recently posted item appearing first.

  Each item is deemed to belong to a particular topic (e.g. CrossGrid, DataGrid, Grid matter) and to a particular category (e.g. announcement, bulletin, article). Each item is allocated a box with the topic indicated by an image and the category indicated by a link. By clicking either on the image or on the link, the site reader is able to filter all the items pertaining to the topic or the category respectively. The box displays some initial text of the item. By clicking on the "Read more…" link, just below the box, the reader is able to read the entire text of the item.

  Items may be converted to a printer-friendly page and subsequently printed. Items may also be e-mailed to other parties.

- *Contribute*: This allows a site user to submit an item to be posted to the site under "Online News". The site administrator, responsible for the content of the entire site, subsequently reviews the announcement.

b. **Exploitation -** This supports the functionality for the CrossGrid Industrial and Research Forum and consists of the following links:
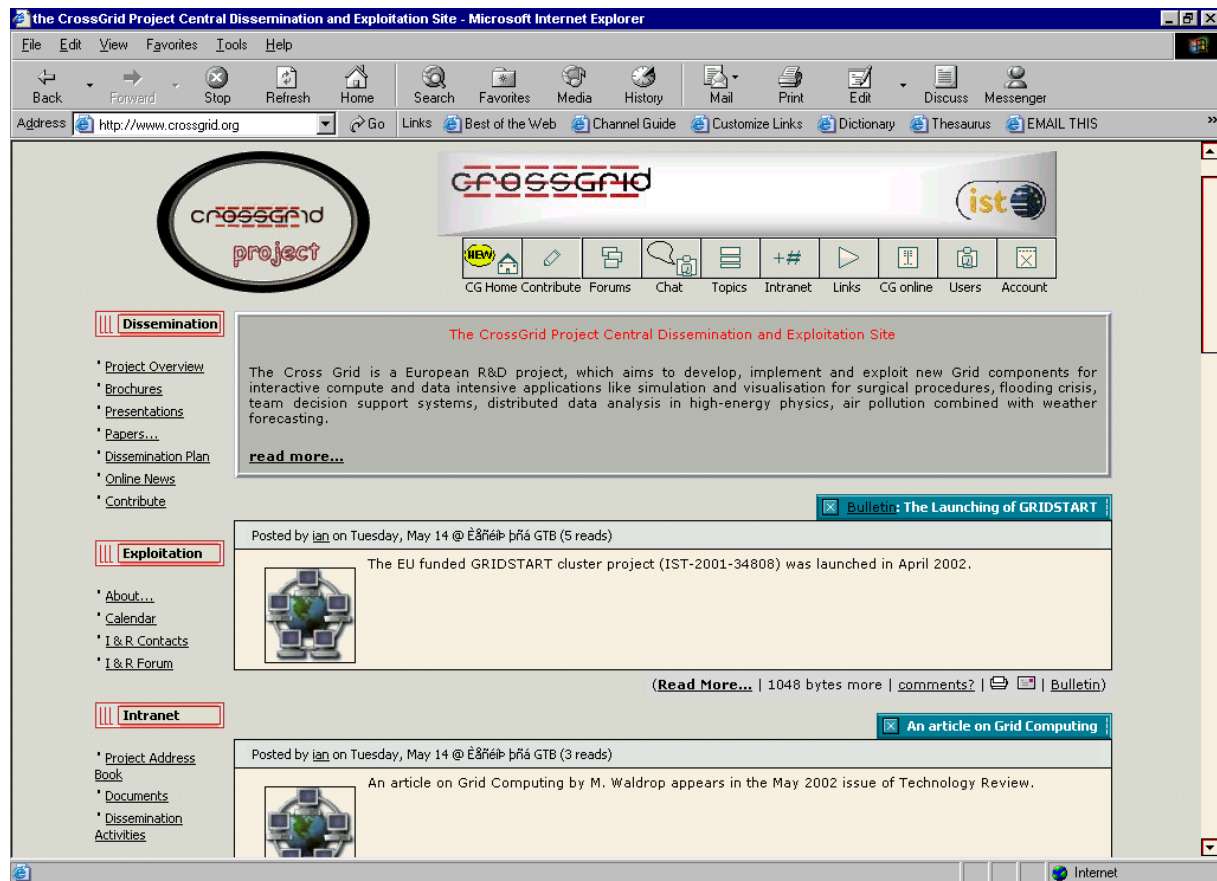
- *About…*: This gives some general information on the use and purpose of the forum.

- *Calendar*: This provides an interactive scheduling utility for users to learn of events that concern the project. Users can also create and post their own events.

- *I & R Contacts*: This allows access to a database of contacts that have expressed interest in CrossGrid technology. Information maintained for each contact includes their particular areas of interest.

- *I & R Forum*: This allows one to access the various forums that can be set up for the purposes of CrossGrid.

c. **Intranet**: All the links in this block concern a restricted area of the site that has been set aside specifically for partners of the project. Access is controlled by means of a partner's username and password and is granted by the site administrator. The links are as follows:

- *Project Address Book*: This provides a search engine for retrieving information on all partners of the project by supplying name, task and board.

- *Documents*: This provides access to files that are of interest only to the partners of the project e.g. minutes of steering group meetings, the technical annex etc. Multiple access layers are supported i.e. different groups of users with different access rights may be constructed.

- *Dissemination Activities*: This provides a form for submission of dissemination activities.

d. **Who's Online**: This block shows how many site users are currently online. If the current user is actually logged in, then the block informs him of this and displays the number of private messages, which this user may have received from other users.

The most important block of the rightmost column is the **Login** block. This allows a user to login to his account; if a user hasn't yet set up such an account, the same block provides him with the ability to do so.

1.6. WEB PAGE MAINTENANCE

Some of the information included in the central Web pages, such as News & Announcements, Events, People, Reports, Minutes, Documentation and Agendas is updated continually.

Announcements such as News and Events should be accepted by the Project Coordinator. Information about a new member involved in work done for CrossGrid is sent to the Webmaster by the WP Manager or the Contact Person in the following form:

- first name
- name
- organization
- address, zip code, city, country
- phone, mobile, fax, e-mail
- task

- cooperation (tasks)
- role in CG project
- photo of the member (in GIF or JPEG)

The information in the Dissemination & Exploitation Web pages is maintained by the site administrator. Site users submit items of information for review. When the administrator approves them, the items are posted to the site and appear under "Online news". The administrator may at any time edit or delete an item. The site is under continual renewal so as to ensure its user-friendliness and adherence to user needs.