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GridLab – A Grid Application Toolkit and Testbed

D13.2 “Information Exchange Plans”

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Abstract: In this document the Information Exchange Plans between the project and outside world are described. These plans may be extended and updated by the Planning Reports every six months.



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1. Organization of the Dissemination and Information Exchange

Dissemination Board

The Dissemination Board coordinates the outreach of the project, concentrating on the distribution and possible commercialization of the resulting software, for example documenting quality and coding requirements. The board will be comprised of representatives from each industrial partner of the project and will meet at least twice a year, reporting directly to the Steering Committee.

Work Package Managers

Each work package will be assigned a Work Package Manager by the lead institute. These managers will coordinate with the Technical Board on progress and potential problems and conflicts, and will be responsible for ensuring that the correct information flow and coordination with associated work packages is maintained.

2. Information Exchange Plans

Project website, portal and mailing lists

The project Website (www.gridlab.org) will be designed and developed both for supporting dissemination activities and integrating and managing the GridLab project. It will be thus implemented taking into consideration the vertical structure of the GridLab project, which shall provide an access point along with information and computational resources, tuned to particular user communities. The web site will be connected to the GridLab portal (WP4) as soon as it is available. The portal will be vertically targeted to meet the needs of the scientific communities defined by the project considered applications.

The GridLab portal will include the opportunity for the visitor to join virtual communities in order to share information, and also to establish computational relationships. Although the portal will provide an online entry point at which potential GridLab users could search, identify, locate and use advanced networking and computational resources, run their applications etc. The upper slot of the vertical hub will be dedicated to the

dissemination purposes. In addition the portal would implement collaboration tools that would facilitate the grid community to use them.

The GridLab Website will be regularly updated during the project duration with announcements of meetings, workshops, conferences, deliverables, reports, publications and applications.

The GridLab home page will be promoted to the search engines and will be linked to other quality sites by banner rotating.

The Website will include among others:

- Chat to allow GridLab users to chat online,
- Mailing list to provide continuous interaction with potential users and interested parties,
- Calendar for communicating project functions and let users to post relevant events,
- Keyword or phrase search of the whole site,
- GridLab member Application form,
- Link adding,
- The access to the CVS repositories and all the mailing lists.

An interface for interacting with the GridLab mailing lists will be designed and made available via the web page. From this interface it will be possible to subscribe or unsubscribe to different lists, and to view list archives. This interface can be accessed at: <https://www.gridlab.org/mailman/listinfo> and it has been presented below:

www.gridlab.org Mailing Lists

Welcome!

Below is a listing of all the public mailing lists on www.gridlab.org. Click on a list name to get more information about the list, or to subscribe, unsubscribe, and change the preferences on your subscription. To visit the info page for an unadvertised list, open a URL similar to this one, but with a '/' and the list name appended.

List administrators, you can visit [the list admin overview page](#) to find the management interface for your list.

(Send questions or comments to mailman-owner@gridlab.ics.muni.cz.)

List	Description
<u>Adaptive</u>	WP7 List - Adaptive Application Components
<u>Admin</u>	GridLab Administrative List - for people doing local administration
<u>Cactus</u>	WP2 List - Cactus GAT
<u>Data</u>	WP8 List - Data Handling and Visualization
<u>Gat</u>	WP1 List - Grid Application Toolkit
<u>Gridlab</u>	GridLab General Info List - for all GridLab participants
<u>Ids</u>	WP10 List - Information Services
<u>Mobile</u>	WP12 List - Access for Mobile Users
<u>Monitoring</u>	WP11 List - Monitoring
<u>News</u>	Gridlab News List - newspipe for anybody
<u>Portals</u>	WP4 List - Portals
<u>Portals-cvs</u>	<i>[no description available]</i>
<u>Portals-dev</u>	<i>[no description available]</i>
<u>Ptb</u>	Project Technical Board
<u>Resmgmt</u>	WP9 List - Resource Management
<u>Sc</u>	Steering Committee List
<u>Security</u>	WP6 List - Security
<u>Testbed</u>	WP5 List - Testbed Management
<u>Triana</u>	WP3 List - Work-Flow Application Toolkit

As we can see all the work packages have their mailing lists. For the communication with public the *News* mailing list has been designed.

PressRelease

After the kick-off meeting as well as after all the milestones the press release will be issued and sent to as many destinations as possible.

Workshops

As stated in Annex1 of the contract, the Project Manager will organize general meetings, to be held in Europe, twice a year, which will be open to all members of the project and their associated collaborators.

Mid Term Conference

A Mid Term Conference will be organized twenty months from the official project starting date. The objective of the Mid Term Conference shall be to present the project objectives, status, preliminary results, and progress made to the European audience including representatives of the European Commission General Directorates, Institutions and GridLab potential user groups.

Newsletter

In addition to internal newsletter the external newsletter, at least twice a year, will be issued. Free subscription will provide for keeping people on coming back periodically to GridLab Website and extend the GridLab news mailing list.

In the Newsletter, major events of the project will be announced; abstracts and excerpts from publications, deliverables and reports shall be published.

Scientific Papers

The GridLab will publicly disseminate research results as rapidly as possible. All project results will become available to the scientific community by publications in academic journals, international reviews, workshops and conferences. These publications, prepared by the project consortium, will contribute to the dissemination of the results of GridLab project.

Beside the above publications and articles there will be reports from all work-packages, which will be disseminated via the project Website according to the project dissemination policy. Anyone interested in these reports may sign-up in our electronic mail list server.

Brochure and Conference Posters

A project brochure and posters will be prepared for disseminating GridLab objectives, task and technology innovation. The brochure will be in English language and shall be disseminated through the project functions as well as by ordinary mail to potential users, academic institutions, IT companies, research organizations, E.C. services etc.

Relations with other projects

The participants of the GridLab project are very interested to co-operate with other already running European Grid related projects, such as DataGrid, EuroGrid, Damien and all the others. The main focus of such a co-operation will not only be information exchange between projects to avoid overlaps, but also consolidated and coordinated solving of general problems such as inter-testbed operability. It is worthy to note that all the participants of the GridLab project are among the most active members of the former European Grid Forum (now merged with the Grid Forum into one Global Grid Forum). The ideas and concerns of the EGrid for emphasizing and representing the European dimension remain real aims for the GridLab team, and they are still committed to, for example: fostering international cooperation, creating a critical mass of resources focused upon various strategic grid issues, representing European ideas and concerns in standardization bodies (Global Grid Forum, IETF); disseminating their work to the world wide community through research publications, representation at major conferences, collaborations with groups outside of Europe and complete and well maintained GridLab web pages.

That's why the GridLab will actively participate to the GRIDSTART project.

The GridLab project has assembled an independent **advisory board** comprising of world renowned Grid and HPC experts from around the world to provide guidance and refine directions for the GridLab project. The Advisory Board will attend yearly project meetings, and provide assessments and recommendations to the Steering Committee. The board will include: (i) Daniel Reed: Director of the National Center for Supercomputing Applications (NCSA) and the National Computational Science Alliance. In this role Reed is very familiar with the needs of HPC applications, which are a major focus of GridLab. Reed is also involved in the US-funded GrADS project, that share a number of goals with GridLab. (ii) Paul Avery: Co-lead of the GriPhyN project [23], which is one of the largest Grid projects worldwide. Avery will provide valuable advice and will be able to provide research connections between the GriPhyN and GridLab projects. (iii) Lennart Johnsson: Director of the Texas Learning and Computation Center, University of Houston and Cullen Professor of Computer Science. (iv) Domenico Laforenza: Head of the Advanced Computing Department at the CNUCE, Institute of the Italian National Research Council. (v) Thierry Priol: Research Director at Institut National de Recherche en Informatique et en Automatique (INRIA).

The Advisory Board members, as the PI of some other Grid-related projects, will also allow for dissemination of GridLab results to the projects they are representing.



Industrial Dissemination

Emphasis will be given to industrial standardization and exploitation issues of the project results. Demos of selected project applications will be assembled into a single package, which will provide the end-user with the look and feel of a standard commercial application.

With a help of GridLab industrial partners (Sun and Compaq/HP) we will broadly disseminate the GridLab activities and its outcome to the commercial and industrial users. This will also be done within the GRIDSTART project.