



Project no. FP6-034442

GridCOMP

**Grid programming with COMPONENTS: an advanced component platform
for an effective invisible grid**

STREP Project

Advanced Grid Technologies, Systems and Services

D.DIS.06a – Yearly plan for using and disseminating knowledge

Due date of deliverable: 15 July 2007

Actual submission date: 19 July 2007

Start date of project: 1 June 2006

Duration: 30 months

Organisation name of lead contractor for this deliverable: GEIE ERCIM

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)		
Dissemination Level		
PU	Yearly plan for using and disseminating knowledge	PU

Keyword List: dissemination, conferences, publications, website

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1 Use and Dissemination plan

One of the main objectives of GridCOMP consists in disseminating of the project achievements.

The dissemination activities fall into different categories, depending on the main objective of a specific activity, its contents and the expected recipients.

Training activities

Two tutorials were organized:

- ProActive & GCM Tutorials on 28-29 November 2006 at ETSI in Sophia Antipolis. Approximately 20 persons participated to this GridCOMP project activity.
- INRIA participated with the EchoGrid project to the organisation of a ProActive & GCM Tutorials on 26 April 2007 in Beijing China.

In addition, a GCM/ProActive tutorial organised by GridCOMP will take place on November 1st, 2007 in Beijing China. INRIA, ERCIM and Tsinghua University are preparing this event which will be in conjunction with the IV Grid PlugTests, Joint European Union/China GRID Days from 28 October to 2 November 2007. For more information visit:

<http://www.etsi.org/plugtests/Upcoming/GRID2007/GRID2007.htm>

UNIFI also organised a course on Autonomic Component Management related to WP3 activities, which is included in a PhD course named “ Advanced parallel programming” in Pisa, in June –July 2007.

Web site

The project website provides an overview of the main activities and events of GridCOMP, and also links about activities related to Grids.

The web site (<http://gridcomp.ercim.org>) was published in July 2006 to advertise the project’s main objectives and events. It contains the following sections: Home, About GridCOMP, GridCOMP meetings, Conferences & Seminars, Deliverables, Contact, Dissemination, and Links. The website is regularly updated.

Flyer

A flyer was designed to be distributed during conferences, workshops and any event of importance where GridCOMP could be disseminated. The flyer is available for printing at:

http://gridcomp.ercim.org/images/stories/pdf/gridcomp_flyer-v8.pdf

Public Presentation

A generic power point presentation is available on the website and can be used for internal and external events by the project partners. This presentation will be regularly updated to match the advancement of the project and is available at

<http://gridcomp.ercim.org/content/view/12/21>

Publications

8 scientific publications were issued during this first reporting period. These publications are listed in the second table below and will be made available in the next months on the GridCOMP Web Site.

Conferences and/or Workshops organised/foreseen by the project

Planned/ actual Dates	Type	Type of audience	Countries addressed	Size of audie nce	Partner responsibl e /involved
Kick off					
1-2 June 2006	Kick off Meeting	Research			ERCIM
Conferences					
28-29 Nov 2006	ProActive & GCM Tutorials	Research	Europe, China, South America	10-20 pers.	INRIA
29 Jan 2007	Australian and European Grid Collaboration Workshop - 2007	Research	Europe, Australia	27 pers.	UoM & INRIA
23-25 April 2007	Echogrid meeting	Research	China		INRIA & Tsinghua
26 April 2007	ProActive & GCM Tutorials	Research and High Educatio n	China		INRIA & Tsinghua
11 May 2007	OGF meeting	Research	Europe		INRIA & UoW
3-7 Sept. 2007	Coregrid Summer School	Research	Europe, Hungary	50 pers.	UNIPI, INRIA, UoW
28 Oct.- 2 Nov. 2007	ProActive/GCM tutorial at GRIDs@Work : IV Grid PlugTests, Joint European Union/China GRID Days	Research	Chinese countries	100 pers.	INRIA, ERCIM
Project web-site					
July 2006	Launch of GridCOMP Web Site http://gridcomp.ercim.org	General public	all		ERCIM
Flyers					
January 2007	GridCOMP flyer	all	all		ERCIM
PhD Course					
June – July 2007	Autonomic component management as in WP3 activities include in PhD Course “ Advanced parallel programming”	High Educatio n	Italy, Pisa		UNIPI

Scientific publications

Date and Type	Details
2007, Proceedings IEEE IPDPS	<i>Performance and Scalability of a Component-Based Grid Application</i> , N. Parlavantzas, M. Morel, V. Getov, F. Baude, D. Caromel
August 2007, Proceedings of the 6th International Conference on Grid and Cooperative Computing	<i>Component Based Legacy Program Executing over Grid</i> , Le Du, Yongwei Wu, Chunlu Wang Accepted as a paper by GCC 2007
August 2007, Proceedings of the 6th International Conference on Grid and Cooperative Computing	<i>A Component Based Interoperability Solution over Existing Grid Middleware</i> . Weiyuang Huang, Yongwei Wu, Jia Jiu, Guangwen Yang, Weimin Zheng. Accepted by GCC 2007
June 2007, Workshop 29 May 2007, article	<i>A flexible model and implementation of component controllers Behavioural skeletons for component autonomic management on grids</i> , Aldinucci, Marco; Campa, Sonia; Danelutto, Marco; Kilpatrick, Peter; Dazzi, Patrizio; Laforenza, Domenico; Tonellotto, Nicola Accepted as a paper at the "CoreGRID Workshop on Grid Programming Model, Grid and P2P Systems Architecture, Grid Systems, Tools and Environments", Heraklion 12-13 June 2007. It will be included in the proceedings of the workshop (these are a CoreGRID TR number TR-80) and is currently being referred to be published in a book of the Springer CoreGRID series.
Sep. 2007, Proceedings of Grid'07, Austin, US	<i>Load Prediction Using Hybrid Model for Computational Grid</i> . Yongwei Wu, Yulai Yuan, Guangwen Yang, Weimin Zheng. Accepted by Grid 2007
Aug. 2007, International Workshop of Grid Middleware 2007	<i>Dynamic data Replication based on Local Optimization Principle in Data grid</i> . Yulai Yuan, Yongwei Wu, Guangwen Yang, Yu Feng. Accepted by International Workshop of Grid Middleware 2007.
September 2006, Proceedings FACS'06, ENTCS	<i>Model Checking Distributed Components: The Vercors Platform</i> . T. Barros, A. Cansado, E. Madelaine, M. Rivera http://hal.inria.fr/inria-00091569/en/

Results of the project

Description	Details
Grid Specification (in Chinese)	Component based programming model for Grid, part of the Chinese grid specification, (Internal Draft in Chinese)
Patent in China	Model Based grid Resource location (In Chinese)