

Adaptive Services Grid
Integrated Project FP6-IST-004617
www.asg-platform.org

Press Release

"100 Days ASG-Project"
14 December 2004

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New GRID-based Software-Platform will promote Business Services

100 Days ASG-Project: The European-wide integrated project Adaptive Services Grid (ASG) continues R&D work and has started the first dissemination activities: the ASG-Week, Scientific Sessions and Multicomponent-Workshops.

Sixty Scientists and Developers from 6 European countries as well as Australia evaluated the possibilities and boundaries of new information technologies such as Semantic web services, service creation and grid infrastructure. Furthermore a programme for PhD-students was set up through ASG in order to intensify knowledge transfer within the project.

Steps toward a new software platform to tackle outstanding challenges in the area of business processes and of the development of new Service Scenarios and architectures are well underway and represent the focus at this stage of the project.

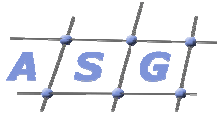
The 1st ASG-Week as an instrument for intensive cooperation between involved partners took place in Poznan, Poland as part of the EU Integrated Project Adaptive Services Grid (ASG).

The aim of the ASG-Week was to focus the project objectives and to exchange current developments and trends within GRID-based services. The first outputs were a common understanding of these goals and objectives. In order to set long-term aims and objectives, commercial impact and industrial exploitation business scenarios were discussed and service offers were put forward. The ASG-Week was characterized by intensive R&D work, where new ideas, approaches or knowledge were collected and then integrated into the implementation plan in order to guide further steps and sub-goals.

In addition, three scientific sessions were implemented at this project stage on the basis of the ASG-Week and two multi-component workshops for an extensive internal information and knowledge transfer. The topics were on current R&D topics such as "Methodology, Concepts, Architectures and Tools", the "ASG-Software Process and ASG-Architecture" as well as the "Web Service Modeling Ontology" for Service Specification.

To intensify this knowledge transfer and growth within ASG a own Programme for PhD-students was set up. The main target in this programme is student exchange that can last up to three months and will provide an opportunity for young researchers to develop not only those their own skills related with their dissertation, but also complementary ones. In contrast to other PhD-Programmes, the ASG programme is aimed to improve cooperation and knowledge transfer especially between PhD-students and ASG-topics Partners.

The next events for interested third parties and wider public community will be the planned ASG-PhD-Session at BIS-Conference in Poznan, April 2005 and furthermore an industry-oriented Workshop "Grid Technology for Telecommunication Services" (planned during the BIS-Conference or within the 2nd ASG-Week in Innsbruck, Jan 2005).



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Background Information:

The goal of Adaptive Services Grid is to develop a proof-of-concept prototype of an open development platform for adaptive services discovery, creation, composition, and enactment. To achieve its goal, ASG addresses scientific and technological issues making use of the knowledge and expertise of major European research institutions with significant contributions from the software, telecommunications, and telematics industry. ASG provides the integration of its sub-projects in the context of an open platform, including tool development by small and medium sized enterprises.

Based on semantic specifications of requested services by service customers, ASG discovers appropriate services, composes complex processes and – if required – generates software to create new application services on demand. Subsequently, application services will be provided through the underlying computational grid infrastructure based on adaptive process enactment technology.

In ASG, methods and concepts from software architectures, software development methodologies, Web services composition and workflow process planning and coordination will be complemented by recent results in domain engineering, software generation and Semantic web and agent negotiation research.

Impact on a European level is supported by strong industry involvement – both with respect to platform development, deployment, and exploitation – in the areas of telecommunications and telematics. To this end, ASG makes a difference for the people in the Society since it helps bridging the gap between member states and important candidate states in the areas of telecommunications, telematics, and enterprise IT.