



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

Press Release

Jyväskylä, Finland
February 6, 2006

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Semantics drives Service-Oriented Platform

European Project "Adaptive Services Grid" presents latest research results to the public in Jyväskylä, Finland

The European project Adaptive Services Grid (ASG) presents its research achievements for the first time in Finland by opening a session "Semantic-enabled Services for Adaptive Business Processes" to the public. This session invites all interested parties from local industry, academic institutes or university students and presents most recent results of the project and attempts to stimulate discussions by pointing out new business opportunities for semantic- and web service-related technologies. It will take place at the University of Jyväskylä, Finland, on February 7, 2006 during the 4th ASG Week, which is a project-wide meeting where more than 50 project members come together to discuss their latest achievements in research and development in the field of Semantic Web and Service-oriented Architectures.

More than ever companies endeavour after making their business processes more agile in order to react to environment changes and market conditions faster and more flexible. IT departments consider so-called Service-oriented Architectures (SOA), a technology mostly based on standardised Web Service technology, as the most promising and effective IT architecture for the coming years. Research projects in the European area and all over the world attempt to step beyond this evolution by adding concepts and techniques of related areas such as the Semantic Web or Agent technology to facilitate automation and better flexibility in building service-oriented business applications. Semantic Web Services are one important way to achieve this aim by enriching traditional web services with semantic descriptions in order to enable automated discovery, composition, negotiation and enactment of services at runtime.

The European Adaptive Services Grid (ASG) project aims at developing such an open framework for a semantic web service environment. 22 partners of six European countries and Australia are involved in research and development of semantic web technologies, SOA, Agent technology as well as Process and Software technology. In the end a prototype which implements a standardised reference architecture, will demonstrate feasibility and usability of project results whereby business-oriented usage scenarios will come up with prospects on how to exploit and use these technologies.

The ASG-Week is the most important instrument for internal information exchange of the project where nearly all project members meet to discuss their latest achievements in research and development in order to adjust and align them for a successful project ongoing.

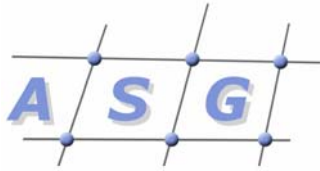
ASG members decided to open a session to all interested parties such as local industry, academic institutes or university students during the ASG Week, which will take place at the University of Jyväskylä in Finland, on February 6-10, 2006.

The aim of this session is to provide an understanding of new technologies in the field of Semantic Web and Service-oriented Architectures and to presents most recent results of the project. Furthermore, the attempt goes to stimulating discussions by pointing out new business opportunities that can arise by using and implementing such technologies.

Telenor R&D, one of the business partners in the project, will presents a roadmap to adaptive services in Telematics which reveals possible steps to a semantic- and SOA enabled company. An outlook will be given about when semantic-based services and related standards will be recognized by the Telecommunications and Telematics industry. Additionally, the session will present among others the ASG reference architecture, business-oriented usage scenarios and will give a clear picture of ASG service delivery lifecycle to attendees.

The ASG open session "**Semantic-enable Services for Adaptive Business Processes**" comprises the following talks:

- **SOA and Semantic Web Services - An Introduction**
Prof. Dr. Jari Veijalainen, University of Jyväskylä, Finland (ASG Scientific Board)
- **Interdependencies between the Business Services and Web Services World**
Tomasz Kaczmarek, The Poznan University of Economics, Poland



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- ***A Roadmap to Adaptive Services in Telematics***
Dr. Josef Noll, Telenor R&D, UniK, Norway (ASG Work Component Leader "Usability and Demonstrations")
- ***ASG – An adaptive SOA Framework***
Guido Laures, Hasso-Plattner-Institute, Germany (ASG Technical Lead) and Klaus Jank, Siemens AG, Germany (ASG Chief of Architecture Board)

The 4th ASG-Week is the first project meeting after the official review by the European Commission that was done after one year the project has started. Review comments, project changes as well as current results are discussed and elaborated.

Since the prolongation of the project was necessary to finalize the development of the ASG prototype and dedicated research activities in the field of service composition, and semantic description of services, next steps until the project end (M30) are planned and will be tackled.

About ASG

ASG is an Integrated Project funded by the European Commission as part of the Sixth Framework Programme "Information Society Technology" with the strategic objective "Open development platforms for software and services".

The vision of the Project is to provide the next level of service provision and delivery by developing concepts, languages and tools for an open architecture for adaptive service discovery, creation, composition and enactment. Furthermore, this architecture framework will stimulate business use by adding functionalities and procedures in order to respect quality of service parameters defined by users.

The ASG Consortium has 22 partners ranging from major European academic and industrial research institutes, to small and medium-sized companies from a total of 6 European countries and Australia. ASG was launched in September 2004 with a lifetime of two years.

Information / Accreditation

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