3rd GGF Semantic Grid Workshop

Call for Position Papers

Semantic Grid Workshop - Wednesday Feb 15, 2006

At the 16th Global Grid Forum (GGF16), Athens, Greece, February 13-16, 2006 - see www.ggf.org

Building on the experiences of the current Semantic Grid activities and on the latest challenges in Grid computing, the *3rd GGF Semantic Grid Workshop* aims to broaden discussion and awareness of Semantic Grid activities and set the scene for future work. This is an exciting opportunity for people to present their work and for others to discover the state of the art in Semantic Grid. All uses of Semantic Web technologies (such as RDF for metadata representation), in both Grid middleware and applications, are in scope.

The workshop is based around *position papers*, which are invited under the themes described below. All position papers will be published on the Web, and the Programme Committee will select a subset for presentation at the workshop in order to provide a balanced programme of interest to a wide range of participants. At the end of the workshop there will be a panel session looking at future challanges to set an agenda for the GGF Semantic Grid community.

The themes are as follows:

Use cases	Real examples which demand a Semantic Grid approach (whether or not a Semantic Grid approach has been attempted so far!) These are wide-ranging, from information services in semantic datagrids to service discovery and negotiation in Grid middleware to social networks and distributed collaboration to novel applications.
Experience reports	What worked and what didn't when you used Semantic Web technologies in your Grid middleware and applications (e.g. semantically described services and resources, knowledge services, semantic datagrid, RDF triplestores and query languages, ontologies such as OWL-S). Where did your metadata come from? What was the reaction of your users? What lessons did you learn?
Ontologies	Tell us about the ontologies (and folksomonies) you are using, in whatever representation (e.g. RDFS or OWL), whether new or whether you've imported existing schemas representation; e.g. CIM in OWL. How might the community benefit from your ontologies?
Tools and technologies	Especially for "technology innovators", tell us about the approaches you wish to promote to address the challenges and to realise the opportunities arising from the semantically-enabled Grid. This includes Semantic Web tools and technologies but also agent-based systems, peer-to-peer and other approaches that utilize machine processable metadata.

| **Open Laptop Demonstrations** | Short demos you can do informally on your laptop in a coffee break (interactive or videos). |

Note that individuals and projects may submit multiple position papers (plus a demo) if you wish; e.g. a Grid project using semantic technologies may wish to present both use cases and experiences.

The Workshop will be open to all GGF attendees but is limited to 50 participants - priority will be given to those who have submitted position papers. All workshop materials, including papers and presentations, will be made available to the community via the Web by January 31.

Note On Tuesday Feb 14 (10:30am-12pm) we will hold a Semantic Grid 101 session which will provide a quick introduction to Semantic Web and Semantic Grid for newcomers, so that everyone can gain maximum benefit from the workshop. This session is open to everyone whether or not they attend the workshop.

Submission details

Papers should be 2-5 pages in length and be submitted in Word or PDF format to Nicky Harding nch@ecs.soton.ac.uk, indicating which of the above categories the paper is in. To be considered for presentation these must be received by January 12, 2006. We will acknowledge receipt of your submission. The preliminary programme will be announced on January 16, four weeks before the event. For demos please give a title and one paragraph outline by email, suitable for listing on a Web page.

Programme Committee

David De Roure	*University of Southampton, UK*
Geoffrey Fox	*Indiana University, USA*
Carole Goble	*University of Manchester, UK*
Jonathan Dale	*Fujitsu, USA*
Jane Hunter	*University of Queensland, Australia*
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Enquiries

If you have any queries or seek further information, please contact Nicky Harding by email on nch@ecs.soton.ac.uk or by phone on +44 23 8059 4474.