

Access Grid Workshop - "Beyond Video-conferencing"

29-30 September 2005

Presenters:

Tom Uram and Susanne Lefvert, Argonne National Laboratory.

Workshop Theme: "Beyond Video-conferencing"

Video and audio have so far been the most obvious aspects of the Access Grid (AG) activity in Australia and the rest of the world. However, the Access Grid toolkit provides much more than just video-conferencing: its application programming interface enables the incorporation of additional shared applications and services into an AG session, providing a far richer collaborative environment and user experience.

The future of the Access Grid lies in the development of these enhanced collaborative environments and this was typified by the many new shared applications and services presented at the AG Retreat in San Francisco in April 2005.

This workshop will train potential developers in the key aspects of the Access Grid code. It will enable participation in the development of the AG beyond the simplistic notion of "video-conferencing on steroids".

The workshop will provide a unique opportunity to gain insights, knowledge and skills from the core AG development team. It will provide the tools and expertise to construct applications designed to satisfy specific APAC and Australian requirements.

Why you should attend:

The Access Grid has the potential to do far more than videoconferencing. This workshop will give you not just the background to the rich collaborative environments possible with the AG toolkit, but will provide the means to actually create the environments appropriate for your area of research or use.

The availability of the core AG developers to learn from and question about your own particular AG issues will be an invaluable experience. Interaction with other AG users will also facilitate further exchange of ideas and experiences.

Topics to be covered during the workshop include:

- * introduction to the Access Grid
- * installation session (bring your laptop)
- * introduction to Access Grid development and setting up a development environment
- * development of shared applications
- * development of node services
- * development of network services
- * authorisation issues in a collaborative environment
- * examples & tutorials in shared applications and node services
- * demonstrations and walk-through of shared applications & services

Call for Technical Presentations:

You are invited to submit a presentation on the AG Workshop theme: "Beyond Video-conferencing". Proposed presentation topics include:

- * development of collaborative versions of scientific software

- * remote control of instruments
- * integration of grid services
- * collaborative visualisation

Presentations on other topics will also be considered. Presentations which include demonstration and code analysis of shared applications or services are particularly sought.

Abstracts for presentations should be emailed to the workshop organiser, Chris Willing (c.willing@uq.edu.au)

Workshop Committee:

Chris Willing - University of Queensland
Masa Takatsuka - University of Sydney
Greg Wickham - GrangeNet
Darran Edmundson - ANU