

# IVOA May 2007: AstroRG-IG



# Feedback from the OGF/IVOA workshops

## ◆ 2006/ 2007: Joint IVOA/OGF workshops

- <http://www.ivoa.net/twiki/bin/view/IVOA/GgflvoaMay07WorkShop>
  - ◆ [http://www.ogf.org/gf/event\\_schedule/?event\\_id=7](http://www.ogf.org/gf/event_schedule/?event_id=7)
- <http://www.ivoa.net/twiki/bin/view/IVOA/GgflvoaMay06WorkShop>
  - ◆ [http://www.ggf.org/gf/event\\_schedule/?event\\_id=4](http://www.ggf.org/gf/event_schedule/?event_id=4)

## ◆ Diverse range of input

- large computational projects (e.g. Planck)
- relevance of OGF WG
  - ◆ OGSA-AuthZ-WG
  - ◆ DAIS-WG (plus OGSA DAI)
  - ◆ Production Grid Service (PGS-RG)

## ◆ Aside:

- OGF = standards for generic (grid) infrastructure projects
- IVOA = standards for specific (astronomy) infrastructure projects



# Key Issues

## ◆ Interface to 'Grids'

- Discussion on alignment of some IVOA standards to facilitate interface to grid compute infrastructure (e.g. EGEE, TeraGrid, NaReGi, campus grids etc)
  - ◆ Vospace
  - ◆ Authentication/ Authorisation
  - ◆ Application environments (UWS)
  - ◆ Preservation
  - ◆ SOAP vs REST

## ◆ Operational Issues

- ◆ The wider astronomy computing community
- ◆ Workshops – hand-on next for specific issues
- ◆ Code exchange – community interface
- ◆ User numbers – more than via Grids



# Feedback to OGF

- ◆ OGF see the astro community as an important domain exemplar
- ◆ Feedback of the operational use of standards required
- ◆ Increase the user community of grid infrastructures (e.g. EGEE) by simplifying access



# Why interact with OGF

- ◆ Talking to Grid experts - best practice
  - OGF is a venue attracting those that don't normally attend the IVOA conference track
- ◆ Sharing of code
- ◆ Finding how to submit to grids
- ◆ Access to wider services and providers (e.g. Oracle, MS, etc participate in OGF)



# Discussion

- ◆ Why use grids?
  - who are the users?
- ◆ Priorities?
- ◆ Who will do the work?
- ◆ Community issues?
- ◆ Who 'owns' the VO – Grid interface



# Actions

## ◆ Future AstroRG sessions:

- more examples of working implementations crossing the VO/Grid divide
- Questionnaire on the wiki – ask for comments as to VO projects use of grids
- Feedback on the questions raised in Guy Rixon's presentation

