Minutes of Astro-RG
==========

GGF12, 2004-09-21: 15.30 - 17.00

note takers: GTR, RM, NAW

~20 attendees

GGF IP statement was shown.

Actions from GGF10:
- Masatoshi Ohishi replaced Regan Moore as chair.
- _ Documents appearing on project grrid-forge area
- All documents are public

VO status
- agressive timeline for stds development
- priorities include resource discovery, metadata, data model
- VO implementations now confomring to these stds
- Demonstrations US Jan 2005 @ AAS San deigo, Europe Jan 2005 @ ESAC Madrid
- AstroGrid rollout Feb 2005
- EURO-VO underway Jan 2005; applications partner of EGEE.

Requirements report now for GGF14. Currently
- process defined
- IVOA groups mapped to GGF groups
- Next IVO meeting Pune
- (Group mappings listed)
- GGF13/14: assement to be ready
- GGF13/14 initial assesments of VObs experience with data grid.

Workshops
- Joint GGF/IVOA activity; summer 2005; experience with VObs testbed

Members encouraged to particpate in process.

Production grids workshop, GGF12: not held.

GTR:

VO requirements for OGSA --> see slides

response from IVOA WGL's
- some concern as to unclarity of the purpose of GGF
- need mission statement on ggf pages

how does ogsa fit in?
- three example scenarios for use of OGSA

- most likley to use ogsa as a layer to allow astro
  access to external resources (e.g. thru EGEE)

vobs to ogsa?

convert ivoa stds to match ogsa
- ivoa registry std is probably good enough to bring to ggf as an option
- candidates
  : VOspace, VOstore, AAA, Virtual Organisation --> possibles

ideals for ogsa conversion

ideals for VObs as OGSA client

ideals for VObs as OGSA platform

trial with CEA – common execution architecture
CEA is basically a job management service (c.f. GRAM in Globus)

ideals for OGSAfying CEA
- ogsa would require a job-description language
- this language would need to be XML
- it would need to be workflow based

timescales – depends on whether CEA becomes an IVOA std. If it does, then CEA specific requirements need to be fed to the OGSA WG's

comment: ensure that workflow stds are not over-engineered for astro specific purposes.

Reagan Moore:

Data Management Initiatives --> see slides

VOstore/ NVO analysis services/ teraGrid/ SDSC digital library

VOstore – new std proposals from the IVOA -> maps to a number of GGF groups
- : dais
- : data access
- : grid naming
- : file transport

NVO analysis services as drivers
- replication of sky surveys onto TeraGris storage repositories
  - typically 10s of TBs of data
- high performance access
- grid computing environment – teragrid system now old – GT2 based

TeraGrid
- run astro services – SIAP, cone search
- managing distributed collections
- data grid – SRB used to manage placement

Digital libraries and persistent archives

Pluggable Data grids

five name spaces:

- logical name space for resources
- logical name space for users
- logical name space for files
- logical name space for state information (attributes)
- logical name space for constrants (relationships between name spaces)

comment: feed requirements on name space to, for instance, info-d

Discussion session:

action: link pune IVOA meeting details to Astro-RG grid-forge site

comment: invite WG chairs proactively to astro-rg

agreed: look into joint workshop activity ggf13 or ggf14
- requires prior preparation
- papers out in advance

comment: general feeling that requirements fed from astro-rg would

be well received from WG's (DAIS mentioned as one specifically)