GWS-WG: summary and objectives

Report to opening plenary meeting
IVOA Moscow Interop.
September 2006

Reprise: GWS work-packages

- VOBP: VO Basic Profile
  - For SOAP interoperability
  - Waiting on VOSI before 1.0 WD
- VOSI: VO Support Interfaces
  - Service management:
    - metadata, availability, logging
  - v0.25 draft

GWS reprise (2)

- SSO: Single Sign-On authentication
  - 4 docs:
    - Mechanisms: 1.0 WD
    - Others (community, delegation, registration) not so advanced
- VOSpace: common interface for storage
  - 1 doc: internal draft
- UWS: Universal Worker Service
  - Pattern for asynchronous processing
  - 2 docs:
    - UWS pattern spec: v0.2 draft
    - UWS-PA service spec: pending

Progress since Victoria Interop

- VOSpace:
  - WD 0.99999999...
  - Prototypes in progress: ESO, Caltech, AstroGrid
- UWS:
  - "Strawman" prototype of UWS-PA
- SSO:
  - More prototype work: NVO, AstroGrid, ESO, Caltech
  - Interop. trials started
- VOSI:
  - Split getRegistration/getAvailability from logging
  - Detailed spec. for registration/availablity due today

GWS-1, Tuesday: SSO

- Agenda:
- ESO arrangements for web portals
- Update on NVO UAS
- Caltech's SSO implementation in VOSpace
- AstroGrid prototyping progress since Victoria
- Authorization using ontologies
- Possible use of RDF and/or SAML in certificates
- Goals:
  - Compare ESO, NVO approach to SSO in web portal
  - Choose approach for encoding security attributes

GWS-2, Wednesday: VOSpace

- Agenda:
- Review of latest spec draft
- Caltech VOSpace implementation
- Promotion of draft to 1.0 WD
- Proposal for VOSpace 1.1 and later
- General debate about priority of features in 1.1+
- Goals:
  - Promote current spec to 1.0 WD
  - Agree priorities for VOSpace 1.1.

GWS-3, Wednesday: VOBP, VOSI, UWS

- Agenda:
  - VOSI:
    - New spec, separating mandatory interfaces from log harvesting
    - Promotion of above spec to 1.0 WD
  - VOBP:
    - Final report on basic profile 1.0
    - Promotion of profile 1.0 WD
  - UWS
    - "strawman" prototype of UWS-PA
    - discussion: is WS-RF obsolete for UWS?
- Goals:
  - Promote VOBP, VOSI(M) to 1.0 WD
  - Review use of WS-* standards in UWS