

GWS-WG progress

Report to closing plenary session,
IVOA Interop,
Moscow, September 2006



Single Sign-On (1)

- Debated community/UAS part of SSO profile
 - Looking for common principles between prototypes
 - Possible emerging standard: “Identity verification service” from NVO/Globus
 - Issue: how to get SSO between web portals

Single Sign-On (2)

- Authorization demonstration
 - Ontological reasoner fed with security attributes
 - Abstracts the AuthZ work very neatly
 - Will produce a Note on this
- Debated how to encode security attributes in messages to services
 - Choice of (at least) 4 methods
 - Chose a method: SAML assertions inside proxy certificates

Single Sign-On (3)

- Need quicker progress on UAS/community and attributes
- Forming a “tiger team” to sort these out: watch grid@ivoa.net for details.



VOSpace (1)

- Current spec for VOSpace 1.0 presented
 - Promotion to 1.0 WD proposed, but...
 - ...ESO want a filter on the listNodes operation...
 - ...so going back to authors one more time.
 - Prototypes exist in Caltech, ESO, AstroGrid
- Exec issue: needs science use before PR? IVOA process says only engineering prototypes.

VOSpace (2)

- Features for VOSpace 1.1:
 - Containers (“directories”)
 - Links between spaces
 - Controls for asynchronous transfers

Support Interfaces/Basic Profile

- VOSI split into metadata/heartbeat and logging
 - Metadata spec v0.25 → v1.0 WD
 - VOBP v0.24 → v1.0 WD
 - VOPB already has checking tools as “reference implementation”
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Universal Worker Service

- “strawman” prototype of UWS-PA presented
 - Example applications include ADQL query
 - Based on UWS pattern v0.2, but with tweaks
- Changes to UWS pattern in light of prototype:
 - Drop WS-ResourceProperties
 - Simpler!
 - Will produce UWS v0.3 with these changes

GWS Roadmap changes

- VOSI, VOBP:
 - 1.0 WD Sept 2006
 - PR Nov 2006?
- VOSpace 1.0
 - 1.0 WD Oct 2006 (listNodes changes)
 - PR Dec 2006?
- SSO community/UAS/attributes
 - Depends on tiger team

