AIDA Third Technology Forum

WP6 Reports

WP6: Reprise

- Evolution of VObs interoperability standards

- Joint Research Activity (JRA)

- UEDIN

- Investigate compliance testing of Euro-VO Registered resources

- Co-ordinate and document prototypes and standards

- Cover standards not addressed in WP7 (Data Access Layer, Data Models and VOQL)

WP6: Objectives

- To decide what technical standards and protocols are required for Euro-VO

- To bring forward these requirements to the IVOA

- To develop drafts of these standards

- To develop prototype software implementing the draft standards

- To make all possible effort to conclude international agreement on the necessary standards

- To ensure that deployments within Euro-VO are compatible with IVOA standards.

WP6: Description of work

- Formulation of requirements and the technical plan. This takes input from other parts of Euro-VO, and formulates a plan which is used by all other parts, especially WP7-JRA2 and WP8-JRA3

- Participation in IVOA Working Groups. This includes coordinating our plan with the IVOA roadmap; producing draft standards; attending IVOA meetings and telecoms; and reporting of IVOA progress to Euro-VO

- Development of software prototypes. Draft standards will be tested by developing and deploying software prototypes which implement those standards (e.g. tools, dataset access). We will also develop recommendations for Euro-VO partners on construction of actual working infrastructure components which are compliant with VO standards

WP6: Deliverables

- D6.1 (Month 15 - April 2009, UEDIN and other WP6 participants): WP6-JRA1 intermediate report and associated prototypes

- D6.2 (Month 27 - April 2010, UEDIN and other WP6 participants): WP6-JRA1 final report and associated prototypes

WP6: Work Teams

- Applications

- G&WS

- Resource Registry

- Semantics

- VO Event

- VOTable

- Theory

- OGF Astro-RG

- Data Curation & Preservation

AIDA Third Technology Forum

- Day Two
  - Hack-a-thon
  - Management/Board meetings
  - Science Team meetings

AIDA Third Technology Forum

WP6 Plans

Applications

- SAMP
    - New mTypes
    - VirGO
    - VODesktop

G&WS

- Security
    - Minimum requirements?
    - Trusted authorisation engines?
    - Merge/assimilate existing systems
    - Bridge between disparate systems
    - Prototype ideas and edge cases

G&WS

- VOSI
  - TAP + Reg + etc
  - Root URL for all VOSI end points?

- VOSpace
  - Complete V1.1 implementations
  - Prototype V2.0 (REST)

Registry

- Finalise VODataService schema
  - Dependent upon TAP / VOSI etc
- Finalise S*AP schema extensions
- Prototype Curation Tool
- Prototype Registry search proposals

Semantics

- New Work Team Coordinator – **Sebastien!**

- Formulate and publish plan

Theory

- SimDAP
  - VisIVO implementation
  - Convergence with microsimulation requirements
- SimDB
  - Extensions for microsimulation
  - Spectra extensions
- Simulation semantics

Data Curation & Preservation

- Low volume activity

- Mostly a watching brief

- Plan to be ready to respond as appropriate

- No explicit plans at the moment

VOTable / VOEvent / OGF Astro-RG

- Confirm Work Team Coordinator

- Develop and publish plan

AIDA Third Technology Forum

- Conclusion
  - Continuing the good work of VOTECH
  - New partners
  - First Periodic Report pending
  - Need to formalise plans
  - Work Package Leaders to document progress and plans