

AIDA Work Package 6

Review and Plans

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.

Deliverables

- D6.1 Intermediate report on Evolution of interoperability standards and associated prototypes (April 2009)
- D6.2 Final report on Evolution of Vobs interoperability standards and associated prototypes (April 2010)

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D1.2 First contractual periodic report (Feb. 2009)

D2.4 First yearly report on the EuroVO- AIDA teams participation to the IVOA Interoperability meetings (May 2009)

D1.3 Second contractual periodic report (Feb 2010)

D2.9 Second yearly report on the EuroVO- AIDA teams participation to the IVOA Interoperability meetings (May 2010)

D1.4 Final contractual report (July 2010)

Milestones

- M1 Project kick-off (February 2008)
- M2 First Technical Forum (March 2008)
- M3 Preliminary Project plan approval (April 2008)
- M4 IVOA Interop (May 2008)
- M6 Second Technology Forum (September 2008)
- M8 IVOA Interop (November 2008)

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- M11 Third Technology Forum (March 2009)*
- M12 IVOA Interop (May 2009)*
- M13 Mid term Board Meeting (May 2009)*

Milestones

M15 DCA Workshop (June 2009)

M16 Fourth Technology Forum (September 2009)

M18 IVOA Interop (November 2009)

M20 Final Technology Forum (March 2010)

M21 IVOA Interop (May 2010)

M22 Final Board Meeting (June 2010)

How

- Identify and document any missing technical requirements
- Present requirements to the IVOA
- Develop draft standards that address these requirements
- Development of prototypes
- Seek areas of interaction between existing standards and work towards seamless interoperability
- Close cooperation with other Work Packages, especially WP7 & WP8

What

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- Co-ordinate and document prototypes and standards
- Cover standards not addressed in WP7 (Data Access Layer, Data Models and VOQL):

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- Cover standards not addressed in WP7 (Data Access Layer, Data Models and VOQL):
 - Applications
 - G&WS
 - Resource Registry
 - Semantics
 - VO Event
 - VOTable
 - Theory
 - OGF Astro-RG
 - Data Curation & Preservation

Who

- Lots of people volunteered to get involved
- Working as Teams to focus on given specialisation
- Each Team has a Coordinator (volunteer!)
- Roll-up input from Teams forming WP6 actions
- TWiki page to track:

WikiWord: WP6WorkTeams (use in “Jump” box)

Current and planned activities

- VOspace (standard, prototypes and production services, iRODS integration)
- SAMP (standard, implementation and tests)
- Registry (standard, integration of Vizier)
- Semantics
- REST profile
- VO Table 1.2
- VO WS Basic Profile

Current and planned activities

- Characterization and observation data models
- Catalogues
- Footprint Services
- Registry standards and production services
- UWS/CEA standards and applications
- Semantics / Ontologies (investigation & prototypes)

Current and planned activities

- Test S3 Protocol on BASTI: Stellar evolution models; Cosmological simulations; PDR;
- Web services above Databases and use them in S3P way
- Test SimDAL on microsimulation and see its limits
- VisIVO Server and VisIVO Web implemented using distant databases

Current and planned activities

- Vocabulary (UCD for simulation):
 - Description of physical quantities:
 - Documentation
 - Standard by community
 - Check the list of UCDs
- DAL 2.0 evolution

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 - Review suggestions/observations
 - Formulate plans
 - Commission activities:
 - Prototypes / Tools / Studies
- Prepare Cycle-1 Report.