



AIDA WPMT WP7 – JRA2

Data Access Protocols and Data Models

WP7 Objectives

Taking into account requirements from the scientific users and the data centres, participate in the IVOA Working Groups for the definition of the IVOA standards and protocols for data access, data description and query language, beyond the present initial versions (“simple” protocols). Input will be given to the Data Access Layer, Data Models and VO Query Language IVOA Working Groups.

WP7 Description of Work

[...] Perform R&D studies for Data Access, Data Model and VObs Query Language protocols and standards in the context of the IVOA working groups.

- *Studying the DAL, DM, VOQL standards. Assessing possible technologies to implement these standards*
- *Participation to the IVOA WGs discussions, mail forum, teleconferences*
- *Participation to writing the standards specifications document of these DAL, DM, VOQL*
- *Participation to the IVOA Technical forum to present the findings and implementations of these DAL, DM, VOQL standards*
- *Writing prototype implementation these DAL, DM, VOQL standards onto real data holdings from European Data Centres*
- *If applicable, publish these implementations into the Euro-VO Registry of VObs resources Coordinate with EuroVO-AIDA Service Activities for these (prototype) implementations of these DAL, DM, VOQL standards to be consumed by VObs tools[...]*

WP7 Deliverables

- D7.1 (Month 15 - April 2009, ESA and other WP7 participants):
 - WP7-JRA2 intermediate report and associated prototypes

- D7.2 (Month 27 - April 2010, ESA and other WP7 participants):
 - WP7-JRA2 final report and associated prototypes

WP7 Working Roadmap

- ❑ Ten tasks identified
- ❑ Leader from each of the partners chosen for each of the tasks
- ❑ Leading only means coordinating the efforts of the “task force”; no other implications
- ❑ Real work has to be done within the group
- ❑ Creation of specific mailman distribution lists per task
 - ESO volunteered to hold the lists
- ❑ All discussions will be archived
- ❑ Suggestion that task leaders celebrate teleconfs regularly
- ❑ Information to be passed to WP7 Lead

Identified Tasks/Leads

- | | |
|--|----------------------------|
| <input type="checkbox"/> WP7_T1_AsynchDAL | UEDIN (Guy Rixon) |
| <input type="checkbox"/> WP7_T2_SEDLibrary | ESO (ESO to give a name) |
| <input type="checkbox"/> WP7_T3_FootprintDAL | CNRS (CNRS to give name) |
| <input type="checkbox"/> WP7_T4_GenericDS | CNRS + ESA (Jesus Salgado) |
| <input type="checkbox"/> WP7_T5_AssocSAP | ESA (Jesus Salgado) + CNRS |
| <input type="checkbox"/> WP7_T6_PhotometryDM | ESA (Jesus Salgado) |
| <input type="checkbox"/> WP7_T7_RadioCubes | UEDIN (Anita Richards) |
| <input type="checkbox"/> WP7_T8_ADQLLibrary | ESA (Aurelien Stebe) |
| <input type="checkbox"/> WP7_T9_SourceCat | ESA (Inaki ortiz) |
| <input type="checkbox"/> WP7_T10_ObsProvDM | CNRS (CNRS to give name) |
| <input type="checkbox"/> WP7_T11_Units | UEDIN (Anita Richards) |

Mailing lists

- [WP7_T1_AsynchDAL](#)
- [WP7_T2_SpectrumDMLib](#)
- [WP7_T3_FootprintDAL](#)
- [WP7_T4_GenericDS](#)
- [WP7_T5_AssocSAP](#)
- [WP7_T6_PhotometryDM](#)
- [WP7_T7_RadioCubes](#)
- [WP7_T8_ADQLLibrary](#)
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