

DS5 - Intelligent Resource Discovery

Review and planning meeting
Stage01 -> Stage02

Review on Stage01

- March 2005 – September 2005
- Summary from different partners
- Report on stage01 for TAP meeting

Summary of assignments

Stage 1 Assignments

Task	Who
Evaluation of existing tools and capabilities	ElizabethAuden
Evaluate agent infrastructure requirements for DS5	AlasdairAllan
Evaluate SAADA for extracting metadata from image collections	MarcoLeoni
Finalize UCD1+	SebastienDerriere , AndreaPreiteMartinez
Work on ontology of object types	CDS + INAF
Start working on SED construction	Bernd Vollmer

Deliverables

Stage 1 Deliverables

Product	Person	Due date
Report on technologies, tools and activities in other domains	ElizabethAuden	June 30
Report on agent infrastructure requirements for DS3	AlasdairAllan	June 30
Web Services for UCD1+	SebastienDerriere , AndreaPreiteMartinez	April 30
Preliminary ontology of object types	SebastienDerriere	June 30
Report on requirements for automated SED construction	CDS	June 30
Report on experience from SAADA usage	MarcoLeoni	June 30
Stage 1 report	SebastienDerriere +ALL	June 30

Planned support

- **AstroGrid**
 - Elizabeth Auden 50% + new hire @Leicester
 - Alasdair Allan
- **ESO**
 - Marco Leoni 50% + new hire 50%
- **CDS**
 - Sebastien Derriere (50%), and 5–20% for Thomas Boch, Soizick Lesteven, Francoise Genova, Francois Ochsenbein, Pascal Dubois, Andre Schaaff, Bernd Vollmer, Laurent Cambrésy, Laurent Michel
 - New hire (100%) to work on SED
- **INAF**
 - Andrea Preite Martinez (50%)
 - New hire 100%

Planning for Stage02

- October 2005 – March 2006
- Proposals from different partners
- Presented during TAP meeting

Ideas for Stage 02 +

- Build on object type ontology (CDS/INAF)
- Continue on SED construction tool (CDS)
- Creation of an ontology for events (AG)
- Define science scenarios/use cases (ESO)
- Use ontologies in workflows (Astrogrid, link with DS3)
- Compute new quantities from a dataset (CDS, useful e.g. for SED construction)