



CDS DS3 Cycle 5 report

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Workflow

- See Monday's report and demos



IVOA WS Basic Profile

- **New version since last Interop in Cambridge**
 - 0.25 which takes into account last VOSI version
 - VOSI (after schema upgrade, getCapability metadata) should be upgraded to 1.0 in the coming months and BP upgrade should follow

- **A “similar” work will be done concerning REST***
 - SOAP Web Services = MB of “standards” and varied documentations
 - REST* is not a standard but a formalization, a way to use URLs

* Representational State Transfer

VOSpace

- **Make a VOSpace implementation useable in the real life (robustness, strong availability, ...)**
 - Work started with people from IN2P3 (Particle physics, Lyon) involved in the SRB-iRODS project
 - iRODS seems to be a viable solution
 - Delayed : Java API (Jargon) which was expected by the end of June is available since just 1 month
 - At last interop
 - NVO, AstroGrid, CDS interested by iRODS
 - Perhaps better to collaborate and share experiences on this topic

- **Priority at CDS for the Cycle 6**

UWS*

■ UWS* use cases at CDS

■ Segmentation (see demo)

- One example of tasks available through AIDA and which can be UWS use cases

■ Catalogues XMatch (see Thomas Boch's presentation in DS4)

■ UWS* REST binding framework

■ See Cyril's slides and demo

- Segmentation use case has been implemented with the framework

* Universal Worker Service

Report conclusion

■ Status compared to the proposals

- Workflow – Done
- VO WS Basic Profile – evolution done – waiting on VOSI promotion to 1.0
- VOSpace
 - Preliminary tests done, collaboration started but implementation delayed
- UWS
 - The framework development was not in the proposals – done in place of VOSpace implementation
 - UWS use case implementations - done
- Cyril's demo, segmentation as a use case of the UWS REST binding framework