

VOTech meeting

Leicester, 23 February 2005



CDS proposals for DS3 Cycle 1

Workflow, Web Services, ...



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A Basic Profile for the VO Web Services ?

- **WS-I Basic Profile as a basis of it**



- **VO WS Basic Profile :**

- **Recommendations to follow when implementing Web Services**

- Recommendations about the VO Support interfaces, about data format (what kind of result (String, Object, ...), ..., can be put in the profile
- Useful on each side
 - ▶ Like a check list on the Data/Service provider side
 - ▶ A provider good practice “guarantee” for the consumer (not a quick (also true if slow...) and dirty implementation)

- **Tools to check the conformance**

- Java and C# packages like WS-I Basic Profile ?
- Online checking tool would be nice
- Easy as a language compiler : list of errors or warnings, correction, retry, ...

Pune roadmap for Kyoto IVOA meeting

■ VO WS Basic Profile 0.2

- Conformance to WS-I Basic Profile
- Conformance to VO Support interfaces
- Check Attachments Profile

■ Testing tool

- Just one tool
- Useful if online



VizieR

■ 2 ways to access VizieR

- Main access through cgi
- A first simple access through soap (cf. CDS Developer's corner)
 - Will be extended in the coming months to offer the same service than the cgi



■ ADQL, OpenSkyQuery, ... : How does VizieR evolve in this context ?

- Study
- Implement a first ADQL prototype access to VizieR
- ...

Workflow

- **Workflow is a wide work area**
 - **Language to express a workflow**
 - **Orchestration, coordination, conversation,**
 - **IDE to create graphical workflows**
 - **Translation or compilation, Execution**
 - **A master piece of the Service Grid ?**



Planning

■ March

- Use cases for the Workflow work
- Start the work about Workflow language and control items (orchestration, coordination, etc.)



■ April

- Workflow graphical description toolkit development start

■ May

- VO Web Services Basic Profile 0.2
- VizieR : result of the evaluation of ADQL, OpenSkyQuery, VOQL, ...

■ October (overlay cycle 1 and 2)

- First release of the Workflow graphical description toolkit