



IVOA Resource Registry Curation Tools

Introduction

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Background

- ❑ Registry WG work so far has concentrated on :
 - Defining IVOA Resources Registry Standards
 - Implementing Registries worldwide

- ❑ In 2005, there were some IVOA discussions about Registry Curation Tools, but without real follow-up
 - (Kyoto) <http://www.ivoa.net/cgi-bin/twiki/bin/view/IVOA/InterOpMay2005ResReg>
 - (Madrid) <http://www.ivoa.net/cgi-bin/twiki/bin/view/IVOA/InterOpOct2005ResReg>

- ❑ In May 2007, Report on IVOA Action item FM-19A Assessment of the Implementation Status of VO protocols (Schade, Arviset), endorsed by IVOA exec, made recommendations on Curation Tools
 - <http://www.ivoa.net/internal/IVOA/IvoaExecMeetingFM23/Report-Action-FM19A.pdf>
 4. Automated curation tools for the VO services in the IVOA Registries should be developed to check the full compliance of these services with IVOA standards. This should be put in the Roadmap for the Registry WG or other WGs.
 5. Services that are identified as being non-compliant with the standard should be differentiated by some means in the registry in a way that will enable registry users to avoid using them.

“European” Background



- ❑ Euro-VO AIDA Project, WP3 Services to the Community
 - Euro-VO Full Registry <http://registry.euro-vo.org/>
 - Delivery of Curation Tools utility (in Fall 2009)
 - Ensure quality of IVOA Resources in Euro-VO Registry

- ❑ Work Plan:

Task	Date	Comments
Inputs gathering	EuroVO-AIDA Tech Forum (16 - 19 March 2009)	Gather possible inputs in relation to Curation tools from the European community
Discussion and crosscheck with IVOA	IVOA Interoperability meeting (25 - 29 May 2009)	Fill the IVOA community in with inputs. Discuss applicability of needs within the IVOA community and gather requirements
Basic design of tool capabilities	June 2009	Make a top level design of possible curation tool with the possibilities available at the time
Tool presentation	IVOA Interoperability meeting (9 - 13 Nov 2009)	Show the tool implementation at the interop meeting



Why Registry Curation Tools ?

- ❑ Currently everybody can register any IVOA Resource
 - Resources from big data centres / big projects
 - Resources from individuals
 - “Test / Trial” Resources
 - Every month, more and more IVOA Resources

=> GOOD !

- ❑ BUT:
 - Various levels of compliancy to the standard (fully, partly, obsolete, ..)
 - Various levels of reliability of the Resources (up / down)
 - VO Applications can not filter “good”/”less good” Resources

- ❑ More and more resources, more standards, problem gets bigger

=> We need to do something !



Proposed Roadmap for Registry Curation Tools

1. Review what has been done so far
2. Agree on what to curate
 1. Priority list of IVOA standards
 2. Priority list of levels of curation
3. Collaborate on development
4. Share expertise and code
5. Implement on all IVOA Registries