



Registry Working Group - IVOA InterOp Oct 2022



Organization: Chair: Renaud Savalle, Vice-Chair: Tess Jaffe

Mailing list: registry@ivoa.net

Goal ? Allow users to find VO resources (services etc) by keywords+properties

Slack: [#registry](https://ivoa.slack.com)

How ? Aggregate (OAI) + Consolidate (RegTAP) + Validate metadata / Build search and discovery interfaces

Standards: VOResource XML Schema + Extensions + RegTAP relational description + controlled vocabularies by **Sem WG**

Roadmap 2022A

- Coordinate with **Ops IG** for curation and validation efforts (reg. maintainers, data curators, services providers, validators)
- Maintain more documentation (StandardsRegExt, tutorials) in the registry
- Implement new simplified data discovery options with **pyvo**
- Include authoring data to improve automatic citation, coordinate with **DCP IG** : cf gather.town splinter about Data Origin in the VO
- Implement space-time coverage for services in registries cf VODataService-1.2 (using **MOC**) - pending other stds

Interested ? Please attend our Zoom Session: Wednesday Oct 19 2022 @ 20:30-21:30 UTC (Session #10)

Speaker	Title	Materials	Time
Christophe Arviset and Mattias Wångblad	Euro-VO Registry status and plans		12+3 mins
The Euro-VO Registry development had been put on hold in 2022 due to lack of (human) resources. Minimum operations and support has been provided this year. A new contract has been setup to resume the development. The presentation will expose the current Euro-VO Registry status and will highlight the upcoming features to be developed.			
Markus Demleitner	StandardsRegExt , Endorsed Notes, and why we should bother		12+3 mins
StandardsRegExt is a Registry extension for registering documents. When it was written, Endorsed Notes did not exist. Recently, the question has come up whether we ought to put them in. We could use the opportunity to work out a few more points that need clarification, such as: What ought to be registered in the first place, and why? Who is responsible for doing that? Oh, and who gets to put in StandardsRegExt keys, and when?			
Markus Demleitner	A New Registry API for pyVO		12+3 mins
The Python library for Virtual Observatory (VO) access, pyVO, has recently received a refurbished API for querying the VO Registry. The main goal of that refurbishment was to facilitate data discovery ("give me data about...") as opposed to service discovery ("find all spectral services that..."), with a particular view to interactive usage from within jupyter notebooks. In this talk, I will briefly motivate the changes and discuss how the functions and classes are supposed to work together.			
Tom Donaldson and Theresa Dower	Discussion about pyVO and the NAVO registry		12+3 mins