Curation Scripting Interface
InterOp RWG

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Curate what ?

❑ **The Registry Resource**

- Compliance with the XML schema
- Minimal tags correctly filled out
- Extra useful tags and information

❑ **The Service Interface**

- Compliance with the IVOA specs
- Minimal metadata and parameters
- Extra optional features and metadata

❑ **The Astronomical Data**

- Quality and quantity of metadata
- Astronomical relevance or importance

CSI - Use Cases

❑ Check that my new service is compliant with IVOA Specs
- with the standard IVOA Curation Script
- with my own specific Curation Script

❑ Check that the Resource record of my service is correct

❑ Determine the ValidationLevel score and update the record

❑ Generate reports on Registry resources, services status

❑ Batch processing of records, services, results, etc …

CSI - Specifications

❑ Support for a maximum of IVOA specs

❑ Standard scripts for all service IVOA specs

❑ Multiple output formats (Terminal, WebPage, …)

❑ Possibility to write your own tests

❑ Support for multiple platforms and OS

❑ Minimum programming knowledge required

❑ Maximum documentation and example scripts

❑ Main programming language : Python

CSI - Conclusions

❑ Urgent need for Curation utilities / abilities

❑ Official IVOA service curation scripts

❑ Start experimenting with ValidationLevel

❑ Avoid duplicating efforts and code

CSI - Architecture

❑ eurovo.csi

- cur (Curation Scripts)
  - SIACurator, SSACurator, TAPCurator

- dal (Data Access Layer)
  - SIAService, SSAService, TAPService

- log (Logger & Report)
  - BasicLogger, TermReport, HTMLReport

- reg (Registry Access)
  - Registry, Resource, RegUtils

- vot (VOTable Tools)
  - VOTLite, VOTReader, VOTUtils

CSI - Questions

❑   Questions ?

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