

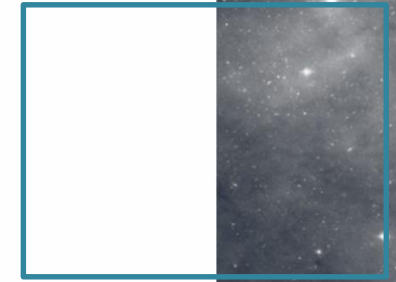
Facility keywords and description

Feedback from LISA VIII meeting

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Former plans for a facility repository

- Initiated with Baptiste Cecconi, considering the nomenclature efforts in space science (VESPA prototype)
- A first attempt presented in Sydney ADASS 2015
- Facilities, Telescopes, Space Missions, Instruments
- An XML schema based on an extension of VOResource



☐ Lisa conference June 2017

- LISA VIII , Strasbourg, 6-9 Juin 2017 <http://cds.unistra.fr/meetings/Lisa8/>
- Main Conference for Librarians in astronomy
- Audience :
 - Agencies
 - Datacenters :NED, CDS , ESO
 - Bibliographic services ADS
 - Journals : Elsevier , AAS, Astronomy and Astrophysics
- Large Interest from documentalists and librarians
 - Standardised Tags for science articles
 - Discussed how to validate the
 - Measure of the publication rate wrt instruments (telbib @eso)
- Présentation/ discussion des utilisations possibles



□ Survey of usage for Observing Facilities names and description / Emmanuelle Perret @CDS

See her presentation

- http://cds.u-strasbg.fr/meetings/Lisa8/public/presentations/wednesday/afternoon/06_facilities_uniqueIDs.pdf

A discussion page to collect expression of interest and comments

- <https://oasis.sandstorm.io/shared/ZpiQhYHptf7dEWXKSjmOVxGDkjEBvLbMA39m7CI5rZY>



□ What are the needs

- Agreed it is necessary to have a global index
- Define a Unique ID for each Facility
- Represent hierarchical relations
Instrument/Telescope/Observatory
- Bind the ID to the description record
- Gather them in a repository



□ Follow up

- A list of interested people set up
- Marion Schmitz @NED provided a list of telescopes and instruments
- 3800 entries , uncomplete records after compiling lists from IAU and AAS codes
- Cross validation to organize and share by different partners



□ Existing Facilities Description

- The **PDS4 Information Model Specification v 1.8**
- Offers a rich and handy classification for
- Telescopes
- Space craft
- Instrument
- Assessment of the data model description for a small set (10/20 items)
 - At CDS :Ground based telescopes and their instruments
 - At Paris DataCenter : space science facilities



□ How to scale up ?

- Any idea to stimulate a crowd-sourcing challenge?
- Any contribution welcome...

