1. Asterics: 17 month to go.

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Agenda

- User demands
- Asterics and VO answers
- Suggestion and offer

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2. User demands

Users want to

- discover (your) data,
- acccess (your) data
- use (your) data.

Actually users are not interested in all your data, but in a subset of it. So not only is data discovery a point of interest, but also a set of skills to cut out this subset from the whole data collection. Finally the users want to use the data in their own research and therefore need to be provided meta data. What users don't want to do: read the documentation.

3. Answer: Protocols and Standards

Standards and Protocols help discovering, accessing and using the data, but both need implementation in server and client tools. A (not at all comprehensive) set of examples of standards an their implementation is:

- VOtables, FITS, VOevent, Datalink
- SIAP, SSAP, SCS, TAP, ObsTAP
- Aladin, TOPCAT, pyVO

The VO protocols and standards cover a lot of the use cases in astronomy. More and more sub cultures (gravitional waves, solar astronomers etc.) are joining the VO to benefit but also to contribut in the process of defining, implementing and using these standards. Of course standards alone don't help: Implementations in server and client software is necessary to make use of them. Yet, users need the skills to make use of these tools.

4. Asterics and Education

One focus of Asterics is VO education. So far three dedicated VO schools were organised by SVO and CDS. The last school is to follow in November 2018 in Strasbourg. As an aftermatch, many more workshops followed all over Europe and not limited to the Asterics countries.

5. Examples

- Asterics-VO school Madrid 2017
- VO Day in Bochum
- VO Workshop during Summer School of Cosmology in Cracow

6. Asterics: the last months

To the (future) dataproviders:

- Make yourself and your data seen!
- Educate your users.
- Ask for our support. We happily offer it.

7. Contact

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