

# Closing Session: Semantics

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In the session. . .

# Facilities and Instruments

Reliably identifying instruments has been a recurring topic (see DAL and registry mailing lists, see ProposalDM).

Baptiste and colleagues are working on it and found...

Wikidata! 5177 astronomical instruments (runner-up: MPC with 2335). And it's also already RDF!

Of course, we're not done: Even that needs professional curation now and then, and we need to match these with existing terminology.

# Tooling

Markus reported on moving our Vocabulary machinery – including VEP submission – to github.

Updating non-normative sections in VocInVO2 will lead up to a version 2.1.

Should anything go with it?

Nobody (except Shoshana Zuboff) had major nits to pick.

# New Product Types

product-type is still under review together with Datalink 1.1. So, this is a good time to shape it.

François would like to see #velocity-curve, #light-curve, and #velocity-field. (And perhaps talk a bit more about the observables later).

Watch the semantics mailing list of proposed definitions and discussions how the relates to Obscore o\_ucd.

# EPN-TAP terminology

Stéphane did an exemplary study of terminology-related aspects of EPN-TAP.

Three classes identified:

IVOA Vocabularies just work; very specialised word lists without relevance outside of a narrow discipline; and then the queasy middle ground: Existing or possible vocabulaires **don't quite work**, but the **don't entirely fail** either.

Watch the Semantics list as we try to work things out.

# The Road Ahead

- VOUnits 1.1 WD should come out soon (minor changes only)
- VocInVO 2.1 with new github procedures (and more?): also due soon
- UAT adoption PEN: finally proceeding starting next week
- UCDFList 1.5: UCD board still on it
- Work on EPN-TAP vocabularies
- Getting product-type ready for Datalink
- Helping out with Facilities/Instruments
- UCD Erratum for SSAP

# And...

...if you're missing terms on any of <https://ivoa.net/rdf>, consider a VEP. [semantics@ivoa.net](mailto:semantics@ivoa.net) is there to help you!