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1. UCDs for solar feature catalogues (catalog of flares, spots, etc...)

Mapping for features catalogs and HEK database started at ROB

HEK is a US database of « events » (feature detection. Stored as Voevents.

Solar Net FITS keywords / UCD1+ matching works well on the stat branch

We don't need a ucd for features themselves only for measurements. A column for feature type will be enough

Planetary features also exist. Europlanet didn't define ucd for that

Specific radial velocity to be added to the list. Others additions required too.

Method to propose new UCDs exposed by Mireille Louys

The Work will go on. Collaboration ROB/ObsPM (who has experience on this). Also valid fo Paris HFC tap service (Helio feature catalogue) where some ucd have been applied but others should be added

2. DataDiscovery

KIS datasets (movies, 2D images, spectropolarimetric data, integrated spectra, time series, stockes params, etc...)

FITS headers keywords from Solar Net OK for KIS

Mapping to ObsCore started at KIS. Prototype. Experience with DACHS useful

Suggestion by Baptiste to map into EPN-TAP to be part of Europlanet services (other solar data already there)

Proposal made to Kis colleagues to go to Europlanet workshop

Future integration of EPN-TAP as an ObsCore extension ?

For images ROB also has experience of distribution with SVO (Europe) and VSO (USA). Rest interface

Discovery of features / catalog of features service

ROB plans to have a TAP client later.

For Solar Orbiter data (Solar Orbiter data after 2021)

Both EPN-TAP and direct TAP queries may be useful for catalogue of features.

They are complementary

3. Interfaces/clients (ROB)

To be developed in the context of the client application JHelioviewer.

Development TAP client (using STILTS ?) planned in summer

CDPP (Toulouse) has java client for EPN TAP. Code available

4. Miscellaneous :

New Heliophysics data environment alliance. Next Meeting in Paris