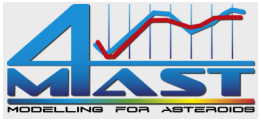
Spectra Access



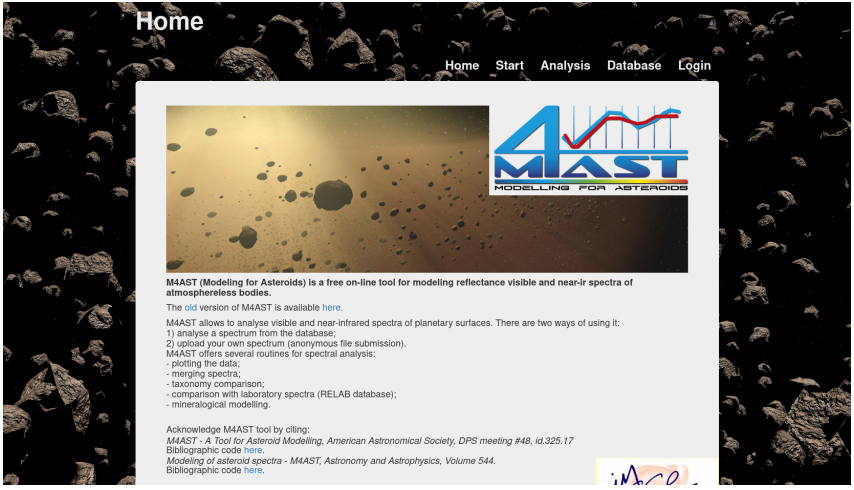
classy

- **Spectra are complex data products**
  - Wavelength, Reflectance, Irradiance, ...
  - Instrument Metadata
  - Sample Metadata
- **Spectra Databases for Ast./Comets/Met.**
  - PDS, CDS, RELAB
  - SMASS, MITHNEOS
- **Spectra Aggregators for Asteroids and Meteorites**
  - SSHADE, M4AST, `classy`
  - Processing required
  - Few updates

Demo

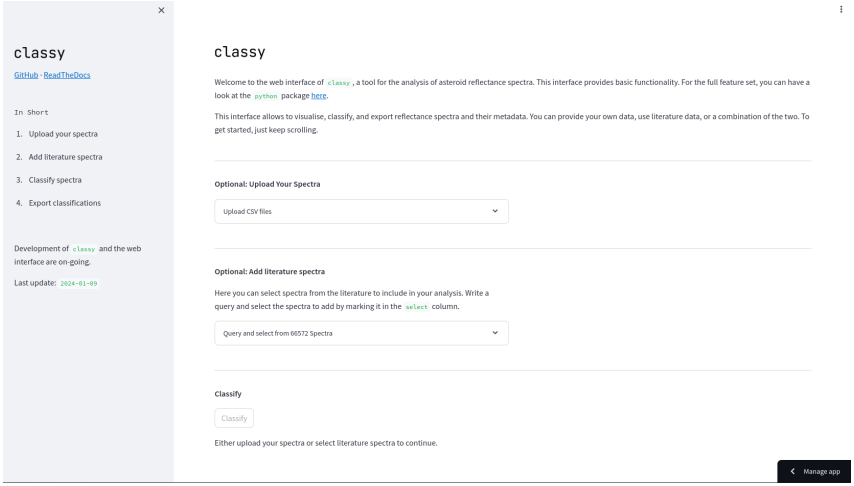
The next slides show an outline of the demoed material.

M4AST



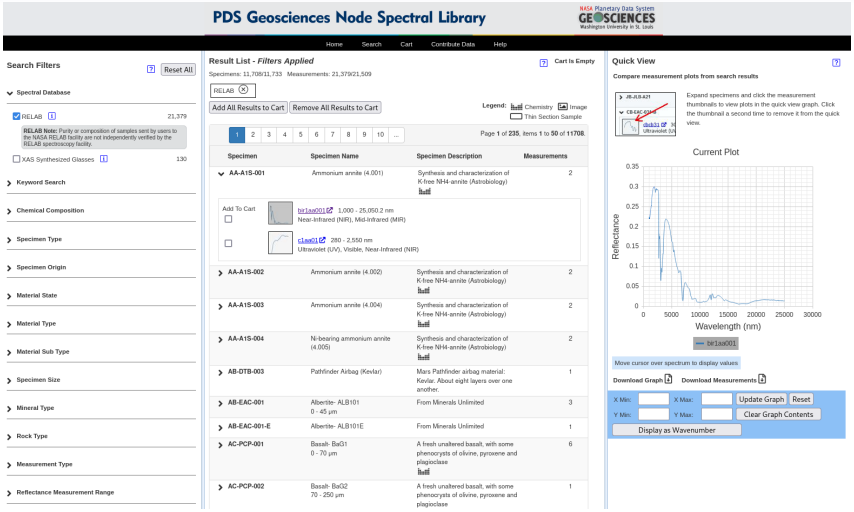
https://spectre.imcce.fr/m4ast/index.php/index/home

classy



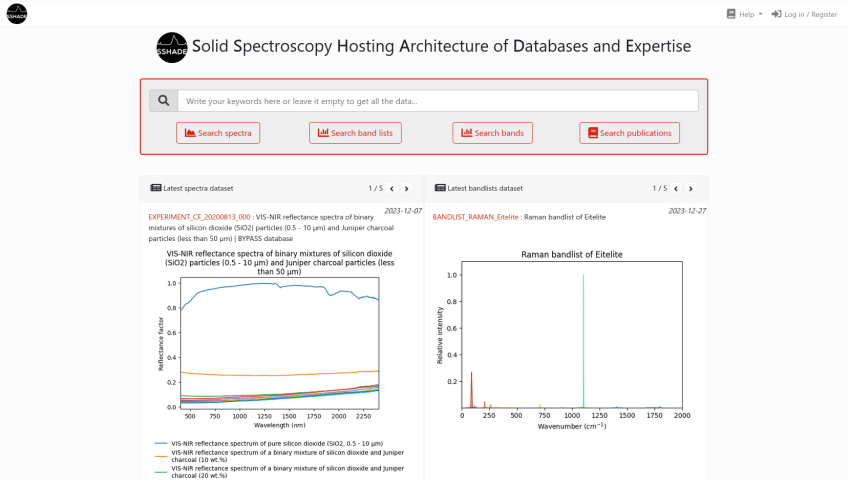
https://classy.streamlit.app/

RELAB



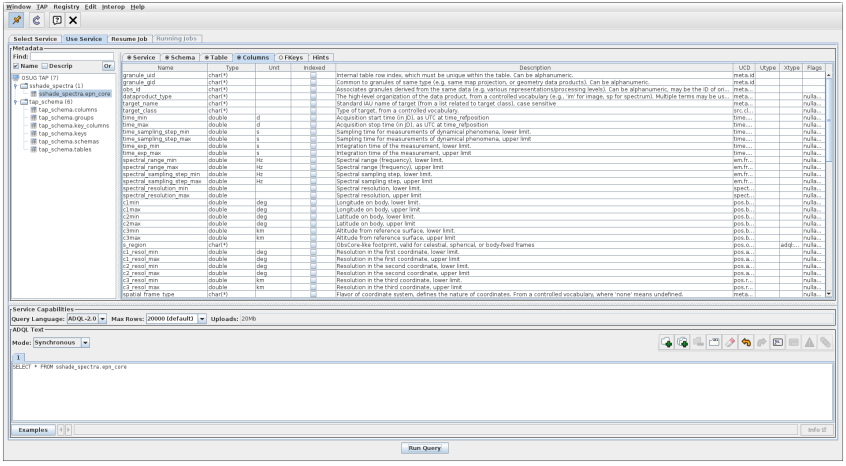
https://sites.brown.edu/relab/relab-spectral-database/

SSHADE



https://www.sshade.eu

SSHADE



TOPCAT → TAP Query → “SSHADE”

Tutorial

[20min] Tutorial notebook on spectra access with SSHADE and TAP

- Basic: Access of SSHADE database using TAP
- Advanced: Creating an `astroquery` module for SSHADE