va-t6-tutorials

- Y-4 tutorials (towards sustainability)
  - Tutorials with high-priority re-structuring
- VESPA finalized tutorials
- VESPA-Hosted tutorials
- VIDEO Tutorials
- External tutorials (linked)
- To do or nice to have

Y-4 tutorials (towards sustainability)

Year-4 tutorials need to be checked, simplified, consolidated as needed. The branch "y4tutorials" on the VESPA Tutorial GitHub repo is going to contain them. Eventually, it will substitute the "master" branch by project end

Tutorials with high-priority re-structuring

More meaningful renaming possible, too.

- Surface
  - Crism + surface data
  - Analogues
  - ...
- Atmosphere
- Plasma

VESPA finalized tutorials

See public web site

VESPA-Hosted tutorials

(links to github)

- Aladin & planetary surfaces use case, in progress
- More Aladin / surface use cases, in progress (this and pages below)
- APIS
- CRISM cubes in TOPCAT and Aladin
- Atmospheric profiles
- Connection of HELIO with AMDA and 3Dview
- Exoplanets
- ExPRES
- EPN-TAP services: Using TopCat as a client
- EPN-TAP services: VIRTIS-VENUS EXPRESS
- Cassini Titan fly-by
- Magnetospheric region identification with AMDA and TopCat
- Mars Global Surveyor plasma data compared with models
- Use case: mapping sparse spatial data with TOPCAT

VIDEO Tutorials

Vespa video tutorials on line

Tracking asteroids
Predicting Solar Wind Disturbances arrival times at planets
Martian induced magnetosphere
Auroral processes on Saturn
Exploring exoplanets
Mars, evidence of an O^+ ions "plume"
Analyzing Pluto's surface
IMPEx Tutorial Video

GIS VESPA Tutorial + text

External tutorials (linked)

- IMPEx - Mainpage
  - CCMC-IMPEx Connections Demonstrator
  - Hybrid Models Demonstrators
  - IMPEx Portal User Manual

    - IMPEx Tutorial for AMDA & 3DView
    - SINP Paraboloid Magnetospheric Model Demonstrator

To do or nice to have

- Interfacing IDL / GDL with VO environment: how to read / write VOtable, use of SSW library, SAMP access (to be tested), implementation of java EPN-TAP library?
  Use cases: ICA on spectral cube + display in Aladin (or APERICubes?); Multumesc on single spectrum, returns VOtable (bands location & width), to be handled in TOPCAT or CASSIS
- Same with python