Accessing Planetary data with EPN-TAP

Deployment feedback

C.Chauvin, P. Le Sidaner,
S. Erard, B. Cecconi
Observatoire de Paris

Vespa Web Client
http://voparis-europlanet-new.obspm.fr

What we do

- **Use a full-searchable registry harvesting all publishing registries known to the IVOA (ie. registered in the RofR).**

- **Communication between web client and registry through a REST API**

- **Discriminate all EPN-TAP services**

- **Get name, access_url, description, creators, contributors**

What we need

- **Web interface at euro-vo doesn't not always allow to make quick modifications in resource file**

What we do

- **Converting web form into ADQL query**

- **COUNT queries to see which services could be interesting**

- **SELECT queries to get data as VOTable**

What we need

- **LOWER function in ADQL equivalent to SQL one**

- **Handle list of items in VOTable answer from TAP servers**

What we do

- **Use of samp.js library**

- **Send data as tables, images or spectra according to user choice**

- **Enjoying VO applications capabilities !**

What we need

- **SAMP highlight row function interesting but row-index parameter is not very convenient**

- **SAMP security pop-up : displaying all url in the pop-up makes it HUGE !**

Conclusion

- **Already 11 EPN-TAP services implemented**

- **Most of the problems are being solved**

- **IVOA meetings are the best places to find solutions**

THANK YOU