

EPN-TAP Registration

<http://voparis->
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Context

EPN-TAP is a TAP service

- ❑ Need to register TAP service**
- ❑ Need to have database schema information as all services must have table called `epn_core`**
- ❑ Need to have data model information to separate EPN-TAP compliant services.**

Usual problems

- ❑ **TAP registration was not easy in Euro-VO registry**
- ❑ **Database schema is only available in TAP registry extension, also available in data collection**
- ❑ **Data model relation is available in TAP registry extension but not in data collection !!**

Example

```

- <ri:Resource created="2012-11-04T00:00:00Z" status="active" updated="2013-02-28T00:00:00Z" xsi:schemaLocation="http://www.ivoa.net/xml/RegistryInterface/v1.0 http://www.ivoa.net/xml/VODDataService/v1.1 http://www.ivoa.net/xml/VODDataService/v1.1 http://www.ivoa.net/xml/TAPRegExt/v1.0 http://www.ivoa.net/xml/TAPRegExt/v1.0" xsi:type="vs:CatalogService">
  <validationLevel validatedBy="ivo://vopdc">3</validationLevel>
  <title>masses and radius of planets for tutorials</title>
  <shortName>planet masses</shortName>
  <identifier>ivo://vopdc.obspm/lesia/masses/epn</identifier>
- <curation>
  <publisher ivo-id="ivo://vopdc.obspm/lesia">VO-Paris Data Centre - LESIA</publisher>
- <creator>
  <name>Observatoire de Paris - LESIA</name>
  <logo>http://vo.obspm.fr/logo/lesia.png</logo>
</creator>
- <creator>
  <name>S. Erard</name>
</creator>
<contributor>VOPDC</contributor>
- <contact>
  <name>VOPDC support team</name>
- <address>
  Observatoire de Paris VOPDC, bat. Perrault, 77 av. Denfert Rochereau, 75014 Paris, FRANCE
</address>
  <email>vo.paris@obspm.fr</email>
  <telephone>+33140512089</telephone>
</contact>
</curation>
- <content>
  <subject>Virtual Observatory</subject>
  <subject>Planet</subject>
  <subject>Mass</subject>
  <subject>Diameter</subject>
- <description>
  Provides diameter and mass of Solar System planets - low accuracy data from nineplanets web site. Test service for EPN-TAP tutorials.
</description>

```

```

<source>TBD </source>
<referenceURL> http://vo.obspm.fr</referenceURL>
<type>Catalog</type>
<contentLevel>General</contentLevel>
<contentLevel>University</contentLevel>
<contentLevel>Research</contentLevel>
<contentLevel>Amateur</contentLevel>
- <relationship>
  <relationshipType>related-to</relationshipType>
  <relatedResource ivo-id="ivo://vopdc.obspm">VO-Paris Data Centre</relatedResource>
</relationship>
</content>
- <capability standardID="ivo://ivoa.net/std/TAP" xsi:type="tr:TableAccess">
  - <interface role="std" xsi:type="vs:ParamHTTP">
    <accessURL use="base">http://voplus.obspm.fr:81/_system_/tap/run/tap</accessURL>
  </interface>
  <dataModel ivo-id="ivo://vopdc.obspm/std/EpnCore-1.0">EpnCore-1.0</dataModel>
  - <language>
    <name>ADQL</name>
    <version ivo-id="ivo://ivoa.net/std/ADQL#v2.0">2.0</version>
  </language>
  - <outputFormat ivo-id="ivo://ivoa.net/std/TAPRegEXT#output-votable-td">
    <mime>application/x-votable+xml</mime>
    <alias>votable/td</alias>
  </outputFormat>
</capability>
- <tableset>
  - <schema>
    <name>masses</name>
    - <table>
      <name>masses.epn_core</name>
    </table>
  </schema>
</tableset>
</ri:Resource>

```

How to register

- ❑ **Not yet possible to upload XML file in Euro-VO Registry**
- ❑ **Discussion with Markus to include DM and Schema in DaCHs Publishing registry**
- ❑ **Need to access this specific informations from registry (available in VOParis registry) what about TAP Reg ?**