

Handle moc footprint, datamodel and database schema name

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Context

- ❑ **MOC is coverage description for collection, how to register it.**
- ❑ **In TAP we want to find all services related to a core data model, like ObsCore or EPNCore.**
- ❑ **We want this information to be handle by the registration of the collection.**



Registering MOC

<instrument>Cassini/CIRS</instrument>

<coverage>

<footprint ivo-id="ivo://mocivod">

**http://voparis-
srv.obspm.fr/vo/survey/esor/moc/Mocesor.fits**

</footprint>

</coverage>

Aladin v8.0

File Edit Image Catalog Overlay Coverage Tool View Interop Help

Location Frame ICRS

DSS SDSS 2MASS WISE GALEX PLANCK XMM Fermi Simbad NED +

Mocessor

Imagine your eye looking through a stack of planes.

Each plane contains its own data set: image, catalog, graphical overlays...

Mocessor

epoch - +
size - +
opac. - +
zoom - +

Frame: ICRS

+180 +90
-90 -180

03:09:37.65 -30:59:07.8
180° x 180°

180° x 130°

grid wink north multiview match

Search

0 sel / 0 src 46Mb



Solution 1 using CatalogService

```
<capability standardID="ivo://ivoa.net/std/TAP"  
xsi:type="tr:TableAccess">  
  <interface role="std" xsi:type="vs:ParamHTTP">  
    <accessURL use="base">http://voparis-  
tap.obspm.fr/__system__/tap/run/tap</accessURL>  
  </interface>  
  <dataModel ivo-id="ivo://vopdc.obspm/std/EpnCore-  
1.0">EpnCore-1.0</dataModel>
```



Solution 2 using CatalogService

```
<tableset>  
  <schema>  
    <name>titan</name>  
    <table>  
      <name>titan.epn_core</name>  
      <utype>epncore_related_utype</utype>  
    </table>  
  </schema>  
</tableset>
```



Conclusion

- ❑ **MOC can be an easy alternative to STC footprint badly filled in the registry.**
- ❑ **Registering DataCollection as CatalogService will allow to have SCS, TAP and Simple Access in a single VOResource .**
- ❑ **All specific information fit into CatalogService for EPNTap**