Monitoring EPN-TAP services

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IVOA Sydney Interop

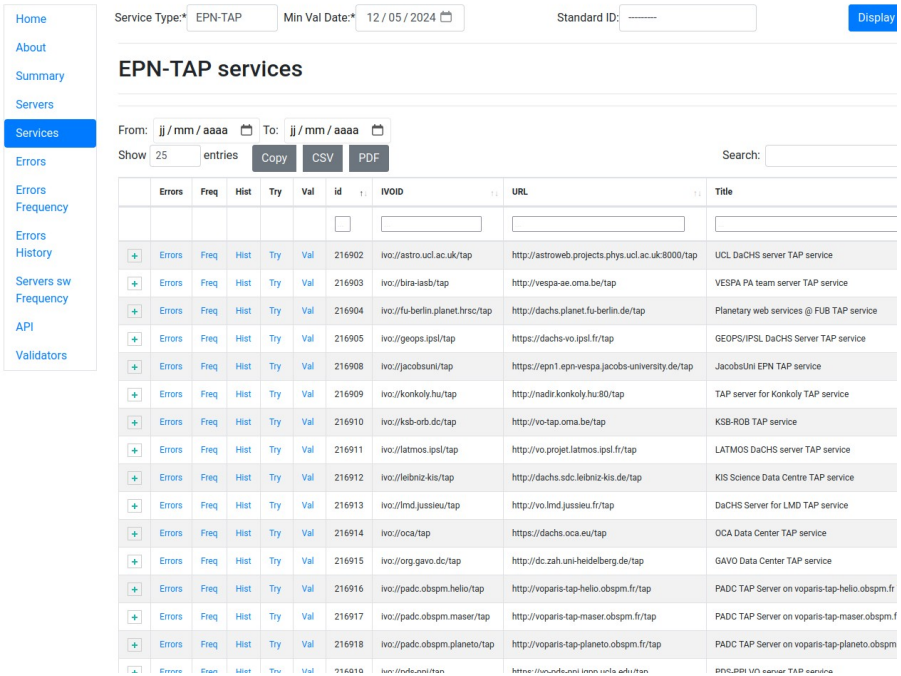
Status

- **EPN-TAP = ObsCore like service for planetary science**
  - **256 declared in the registry (186 from NASA PPI)**
  - **72 in the vespa portal** https://vespa.obspm.fr
  - **23 of the services are hosted at obspm in 4 servers**

- **We have made tutorials to build services**
- **Hands-on sessions using DaCHS to publish data**
- **Gitlab repository for hosting configuration files for publishing services with DaCHS**

Classical monitoring

- **Include in the Daily monitoring by VOParis (multiple presentations by R. Savalle)**
- **Use Taplint stilt for validation (mandatory parameters, UCD, min < max ...)**



Extended monitoring

http://voparis-elasticsearch.obspm.fr/dev3

Service / Server has been removed from registry

Declaration in registry is non consistent

Service responds to :

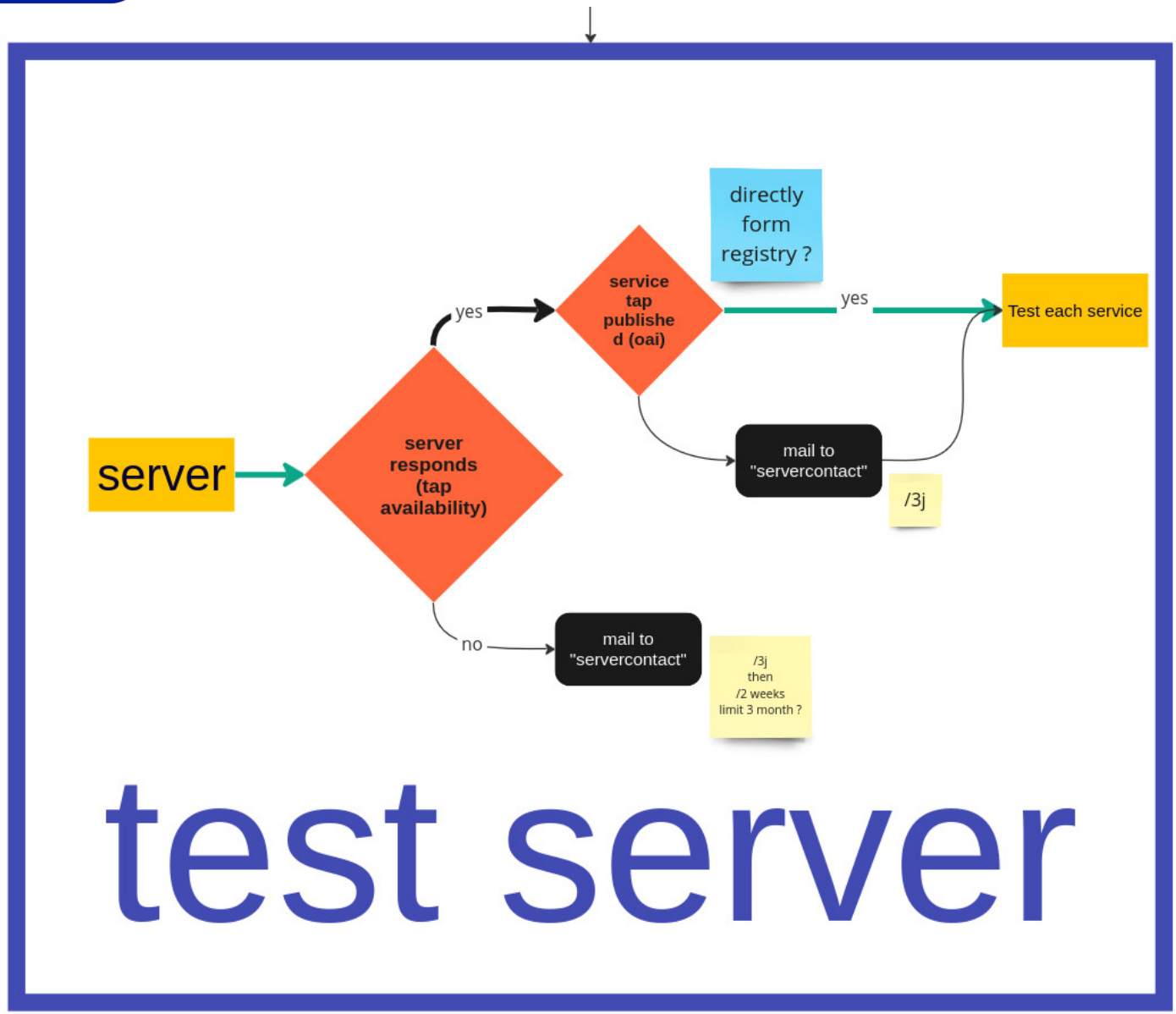
- Get availability

- Select count(*) from <<db_schema.epn_core>>

But Data is not available for download (external data, NFS/CEPHFS pb…)

Data transformation script on the fly broke (txt → VOTable …), update of python, Astropy...

PADC
Paris Astronomical Data Centre



test server

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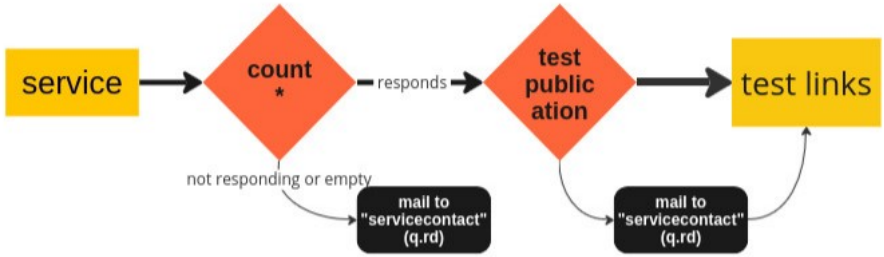

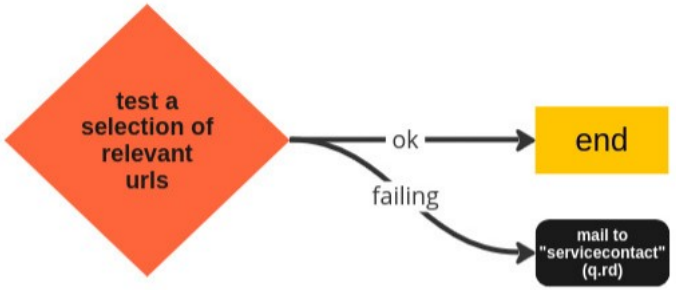

test services

General questions

How to handle monitoring on the long term ?

- **No answer from data provider**

  Contact in the service has moved or is not in charge anymore)

Use central repository of config file in Gitlab

- **Service version evolution**

Use central repository of config file in Gitlab

- **Some data providers simply fall**

  University IT breakdown

  No more funding

Service mirroring