



Monitoring EPN-TAP services

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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 ...)

- Home
- About
- Summary
- Servers
- Services
- Errors
- Errors Frequency
- Errors History
- Servers sw Frequency
- API
- Validators

Service Type:
Min Val Date:
Standard ID:
Display

EPN-TAP services

From:
To:

Show entries
Copy
CSV
PDF
Search:

Errors	Freq	Hist	Try	Val	id	IVOID	URL	Title
+					216902	ivo://astro.ucl.ac.uk/tap	http://astroweb.projects.phys.ucl.ac.uk-8000/tap	UCL DaCHS server TAP service
+					216903	ivo://bira-iasb/tap	http://vespa-ae.oma.be/tap	VESPA PA team server TAP service
+					216904	ivo://fu-berlin.planet.hrsc/tap	http://dachs.planet.fu-berlin.de/tap	Planetary web services @ FUB TAP service
+					216905	ivo://geops.ipsl.fr/tap	https://dachs-vo.ipsl.fr/tap	GEOPS/IPSL DaCHS Server TAP service
+					216908	ivo://jacobsuni/tap	https://epn.epn-vespa.jacobs-university.de/tap	JacobsUni EPN TAP service
+					216909	ivo://konkoly.hu/tap	http://nadir.konkoly.hu/80/tap	TAP server for Konkoly TAP service
+					216910	ivo://kab-orb.dc/tap	http://vo-tap.oma.be/tap	KSB-ROB TAP service
+					216911	ivo://latmos.ipsl.fr/tap	http://vo.projet.latmos.ipsl.fr/tap	LATMOS DaCHS server TAP service
+					216912	ivo://leibniz-kis/tap	http://dachs.sdc.leibniz-kis.de/tap	KIS Science Data Centre TAP service
+					216913	ivo://lmd.jussieu/tap	http://vo.lmd.jussieu.fr/tap	DaCHS Server for LMD TAP service
+					216914	ivo://oca/tap	https://dachs.oca.eu/tap	OCA Data Center TAP service
+					216915	ivo://org.gavo.dc/tap	http://dc.zah.uni-heidelberg.de/tap	GAVO Data Center TAP service
+					216916	ivo://padc.obspm.helio/tap	http://voparis-tap-helio.obspm.fr/tap	PADC TAP Server on voparis-tap-helio.obspm.fr
+					216917	ivo://padc.obspm.maser/tap	http://voparis-tap-maser.obspm.fr/tap	PADC TAP Server on voparis-tap-maser.obspm.fr
+					216918	ivo://padc.obspm.planeto/tap	http://voparis-tap-planeto.obspm.fr/tap	PADC TAP Server on voparis-tap-planeto.obspm.fr
+					216919	ivo://padc.obspm.planeto/tap	https://vo.padc.obspm.planeto.obspm.fr/tap	PADC TAP Server on voparis-tap-planeto.obspm.fr



Extended monitoring

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

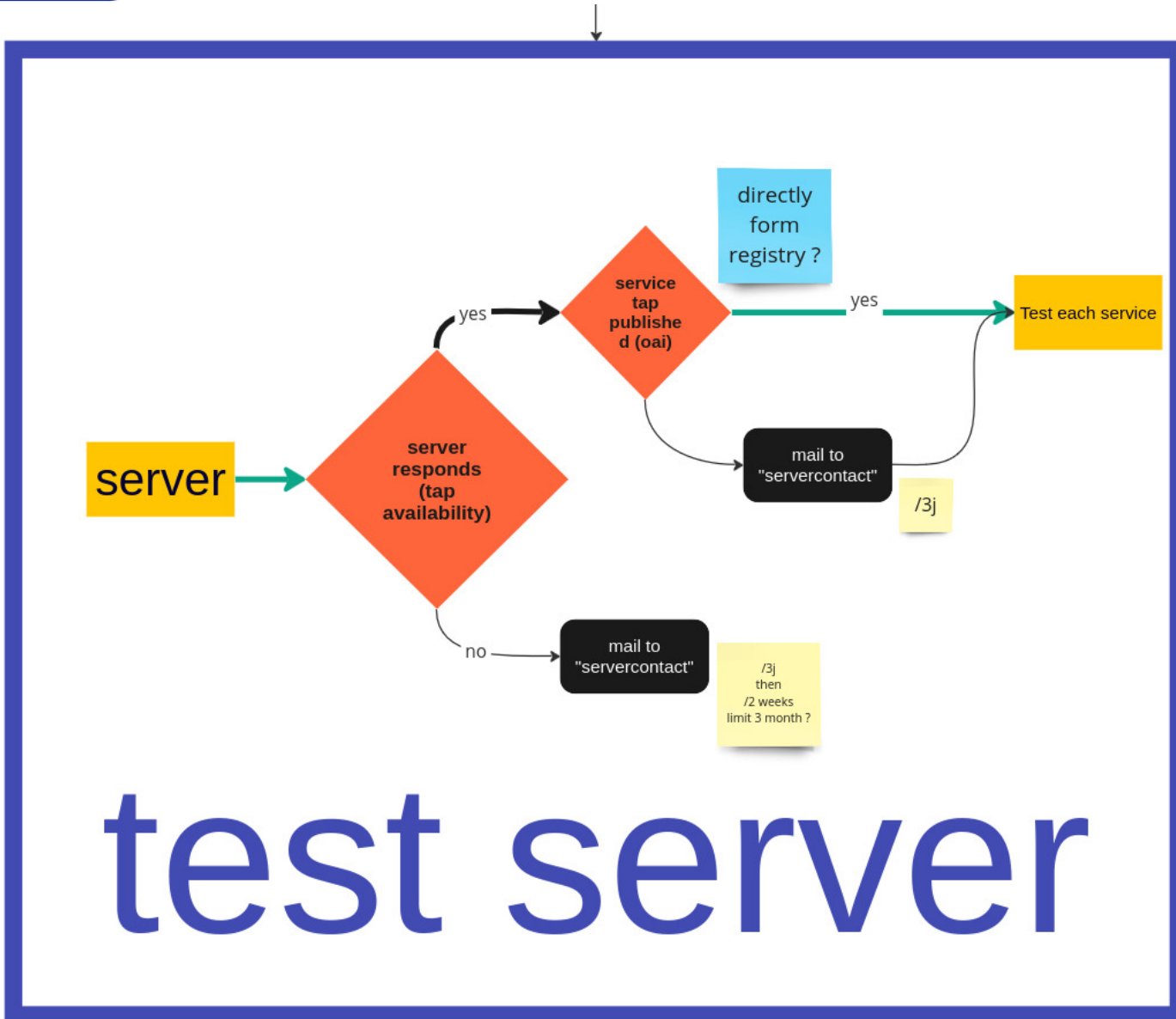
**Service / Server has been removed from registry
Declaration in registry is non consistent**

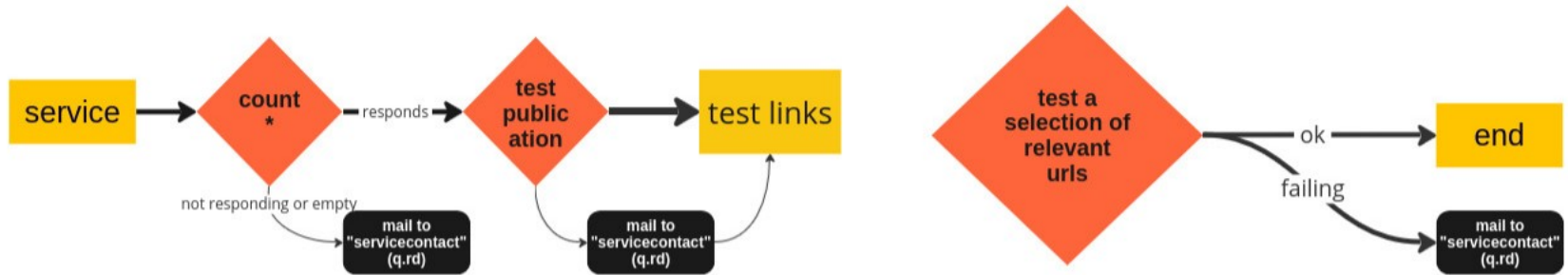
Service responds to :

- 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...**





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