

Solar System Interest Group



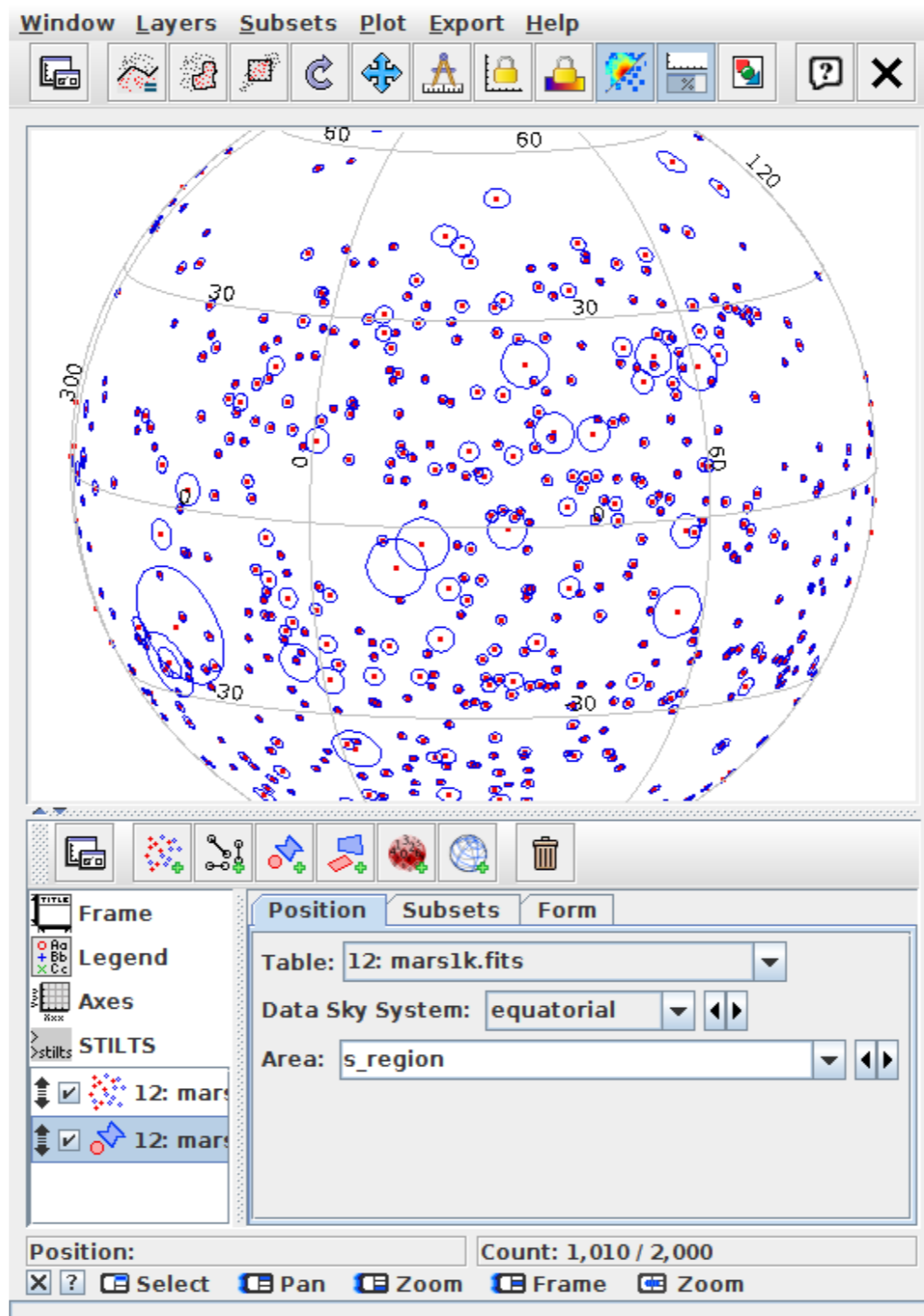
- Goal: re-use and adjust VO standards for Solar System sciences (Sun, Planets, Comets...)
- <https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaSS>
- Chair: B. Cecconi (baptiste.cecconi@obspm.fr)
Co-chair: S. Joy (sjoy@igpp.ucla.edu)

Solar System Interest Group


IVOA Interop May-2020

- No specific SSIG session
- Planned contribution:
 - TDIG: VOEvent update for Solar System sciences
- Other hot topics:
 - New feature in TOPCAT: “Area plot”
 - Vocabularying dataproduct_type: inputs from SSIG
 - Early prototype of Herschel EPN-TAP service
 - CNES willing to support Solar System VO activities
 - VESPA going on the Cloud with EOSC

TOPCAT Area plot



Early prototype of Herschel EPN-TAP service



Help

Service info

Related

[Tables available for ADQL](#)

Metadata

Identifier

ivo://vopdc.obspm/_system

Cite this

[Advice on citing this resource](#)

Description

An endpoint for submitting

Keywords

Virtual observatory

Creator

Created

2008-09-20T12:00:00Z

Data updated

2019-05-02

Reference URL

[Service info](#)

[Try ADQL](#) to query our data.

Afficher un menu

ADQL Query

[Parameters](#)

- ADQL query: `select * from herschel.epn_core`

Result

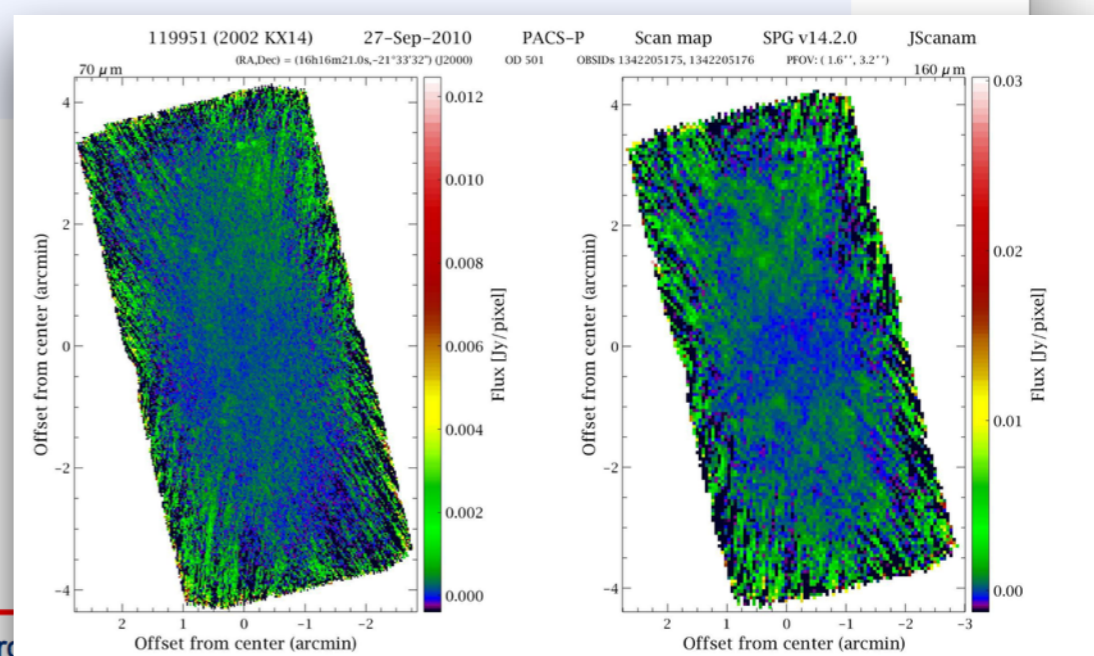
Matched: 100

Query result probably incomplete due to the match limit kicking in. Queries not providing a TOP 2000 by the machinery, so adding a TOP clause with a higher number may help.

Granule_uid	Granule_gid	Obs_id	Dataproduct_type	prod	Target_name	Target_class	Time_min [d]	Time_max [d]
1342205176	PacsPhoto	KPOT_thmuelle_1	sc	119951 (2002 KX14)	asteroid	2455467.13973	2455467.13973	
1342206014	PacsPhoto	KPOT_thmuelle_1	sc	2001 KA77	asteroid	2455477.09262	2455477.09262	
1342262585	HifiPointModeFSwitchNoRef	OT2_lorourke_17	sc	24 Themis	asteroid	2456323.22961	2456323.22961	
1342209387	PacsPhoto	KPGT_pharto01_1	sc	Hartley 2	asteroid	2455511.9009	2455511.9009	
1342205185	PacsPhoto	KPOT_thmuelle_1	sc	2001 XR254	asteroid	2455467.26999	2455467.26999	
1342213078	PacsPhoto	KPOT_thmuelle_1	sc	26181 (1996 GQ21)	asteroid	2455580.24764	2455580.24764	
1342240375	HifiPointModeFastDBS	OT1_dbocke_1	sc	Garradd (C/2009 P1)-1	comet	2455980.50897	2455980.50897	
1342205190	PacsPhoto	KPOT_thmuelle_1	sc	20000 Varuna	asteroid	2455467.31693	2455467.31693	
1342196100	PacsPhoto	KPOT_thmuelle_1	sc	88611 Teharonhiawako	asteroid	2455326.41704	2455326.41704	
1342202867	PacsPhoto	KPOT_thmuelle_1	sc	52872 Okyrhoe	asteroid	2455420.2428	2455420.2428	
1342195404	PacsPhoto	KPOT_thmuelle_1	sc	2060 Chiron	asteroid	2455309.79557	2455309.79557	
1342238544	HifiMappingModeFastDBSRaster	OT2_elellouc_3	sc	Saturn	planet	2455958.67543	2455958.67543	
1342210218	HifiPointModeFSwitchNoRef	KPGT_pharto01_1	sc	Hartley 2	asteroid	2455517.96192	2455517.96192	

119951 (2002 KX14) 27-Sep-2010 PACS-P Scan map SPG v14.2.0 JScanam

(RA,Dec) = (16h16m21.0s, -21°33'32") (J2000) OD 501 OBSIDs 1342205175, 1342205176 PFOV: (1.6", 3.2")



VESPA-Cloud

- Supported by EOSC-EAP (European Open Science Cloud, Early Adopter Program)
- Use case:
a data provider can order a service to share its metadata in VESPA
- VESPA-Cloud will setup and maintain DaCHS servers on EOSC-hosted virtual machines (provided by IN2P3 and CESNET).
- Data providers will have:
 - a “seat” on a server to place their scripts+metadata
 - a gitlab repository to host and manage their scripts
- The VESPA-Cloud community AAI (Authentication and Authorization Infrastructure) is hosted on eduTEAMS
- Mote details here: <https://voparis-wiki.obspm.fr/display/VES/VESPA-Cloud>

This work uses the EGI infrastructure and EOSC-hub resources with the dedicated support of IN2P3 and CESNET. It is also supported by GEANT/eduTEAMS.