

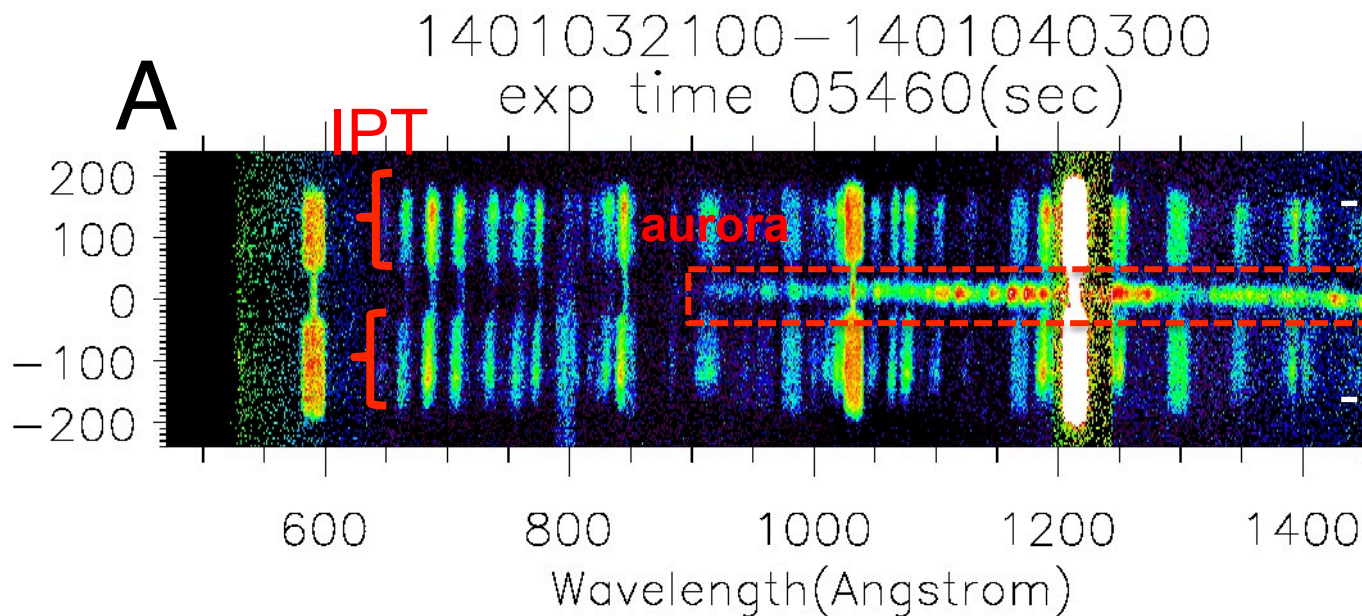
**VESPA metadatabase
for Hisaki/EXCEED
T KIMURA (RIKEN)**

EXCEED instrumentation

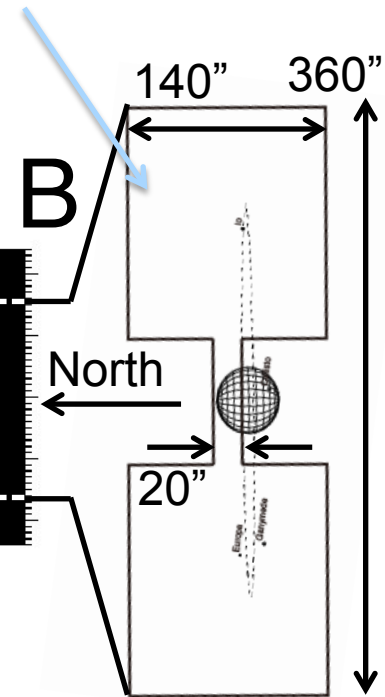
Wavelength range	60 – 145 nm
Spatial resolution (for Jupiter mode)	17"
Field of view	360"
Spectral resolution (FWHM)	0.4 – 1.0 nm (depends on slit)
Primary mirror	20 cm diameter, F/8

- Jupiter observation
 - dumbbell-shaped slit placed at northern pole

Angle of View(arcsec)



dumbbell-shaped slit



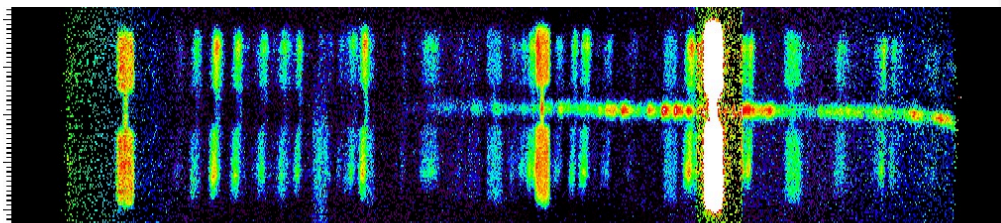
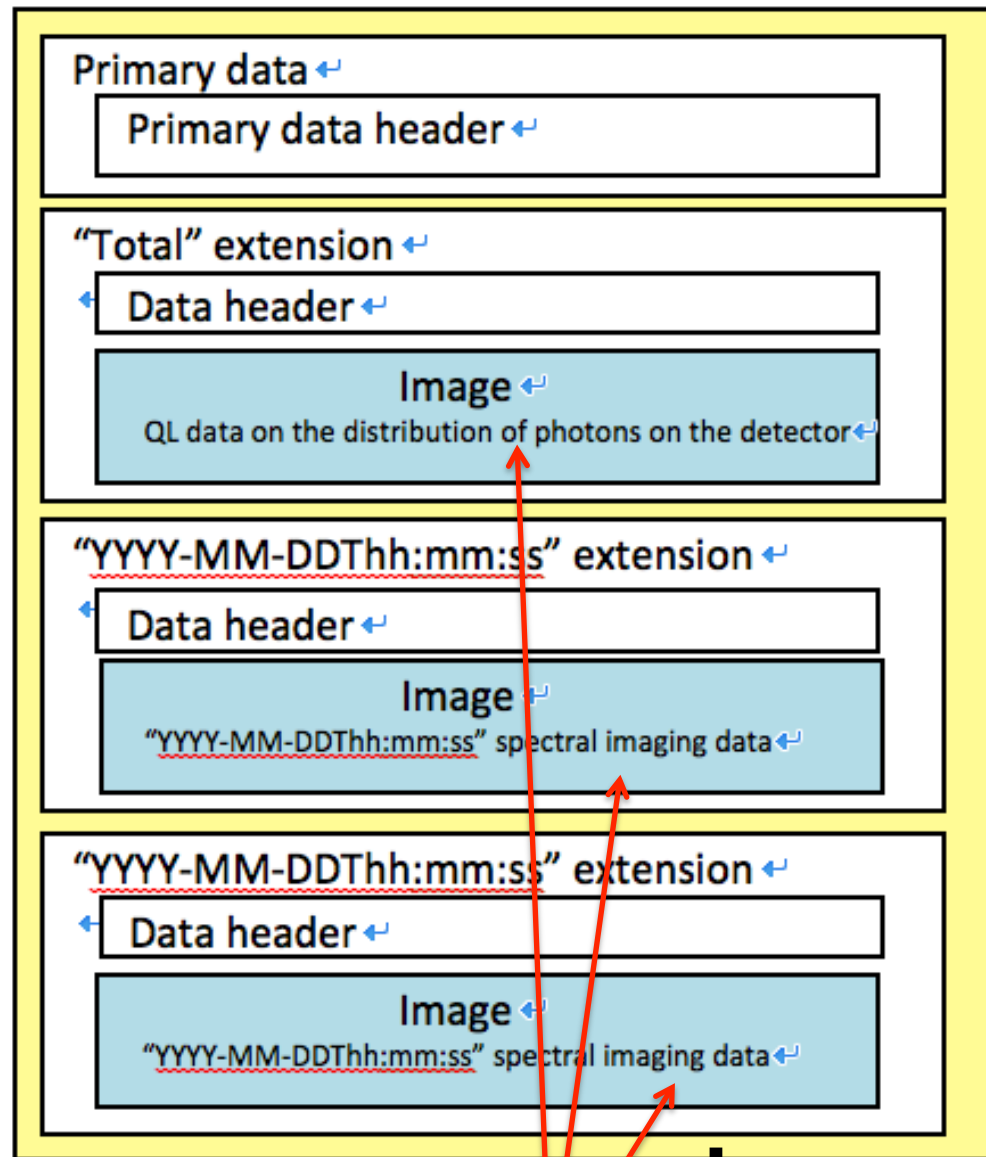
Data format (L2)

Quick look
1day exposure

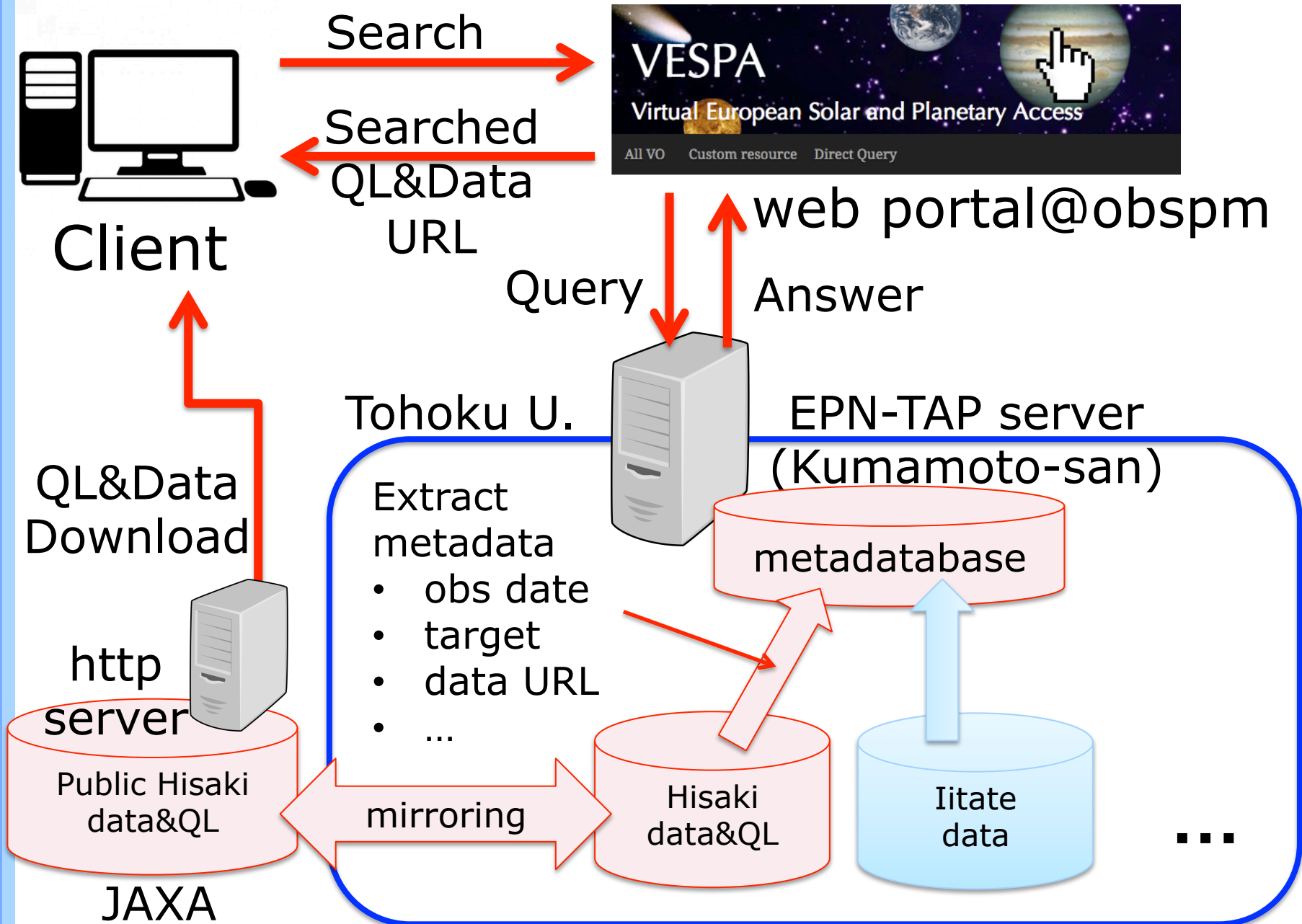
1min exposure

1min exposure

⋮



System overview (TBD)



http
server



Public Hisaki
data&QL

JAXA

Currently this
server is
mirrored one
at Tohoku U.
for test (by
Tsuchiya-san)

Index of /euv/I2

	<u>Name</u>	<u>Last modified</u>	<u>Size</u>
↳	Parent Directory	-	-
	exeuv.36opha_h-15v-70_s.mod.01.20141009.lv.02.vr.00.fits	17-May-2016 10:56	1.8G
	exeuv.3c273_h-15v-63_s.mod.01.20150905.lv.02.vr.00.fits	17-May-2016 11:03	2.5G
	exeuv.61vir_h-15v-60.mod.01.20140821.lv.02.vr.00.fits	17-May-2016 11:15	2.1G
	exeuv.61vir_h-15v-90.mod.01.20140819.lv.02.vr.00.fits	17-May-2016 11:17	715M
	exeuv.61vir_h-15v-90.mod.01.20140820.lv.02.vr.00.fits	17-May-2016 11:28	2.2G
	exeuv.alpari_h-15v-70_n.mod.01.20141008.lv.02.vr.00.fits	17-May-2016 11:37	2.4G
	exeuv.alptau_h-15v-60.mod.01.20140824.lv.02.vr.00.fits	17-May-2016 11:54	2.0G
	exeuv.alptau_h-15v-90.mod.01.20140812.lv.02.vr.00.fits	17-May-2016 12:04	2.2G
	exeuv.betagem_h-15v-60.mod.01.20140825.lv.02.vr.00.fits	17-May-2016 12:32	2.1G
	exeuv.brpsc_h-15v-90.mod.01.20140811.lv.02.vr.00.fits	17-May-2016 12:42	2.4G
	exeuv.catalina.mod.01.20151121.lv.02.vr.00.fits	17-May-2016 12:45	715M
	exeuv.catalina.mod.01.20151122.lv.02.vr.00.fits	17-May-2016 12:50	1.4G
	exeuv.catalina.mod.01.20151123.lv.02.vr.00.fits	17-May-2016 12:53	699M
	exeuv.catalina.mod.01.20151124.lv.02.vr.00.fits	17-May-2016 12:57	1.3G
	exeuv.catalina.mod.01.20151125.lv.02.vr.00.fits	17-May-2016 13:00	755M
	exeuv.catalina.mod.01.20151126.lv.02.vr.00.fits	17-May-2016 13:05	1.2G
	exeuv.catalina.mod.01.20151127.lv.02.vr.00.fits	17-May-2016 13:07	795M
	exeuv.catalina.mod.01.20151128.lv.02.vr.00.fits	17-May-2016 13:11	1.1G
	exeuv.catalina.mod.01.20151129.lv.02.vr.00.fits	17-May-2016 13:14	787M
	exeuv.catalina.mod.01.20151130.lv.02.vr.00.fits	17-May-2016 13:18	1.2G
	exeuv.catalina.mod.01.20151201.lv.02.vr.00.fits	17-May-2016 13:20	779M
	exeuv.catalina.mod.01.20151202.lv.02.vr.00.fits	17-May-2016 13:23	1.1G

Tohoku U.



EPN-TAP server
(Kumamoto-san)

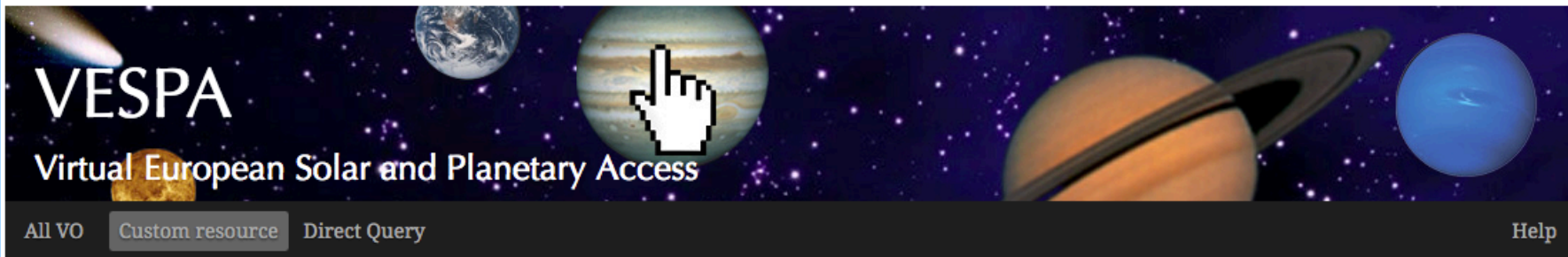
meta-database

Resource_type	Granule_uid	Granule_gid	Obs_id	Dataproduct_type	Target_name	Target_class	Time_min [d]	Time_max [d]	Time_sampling_step_min [s]	Time_samp
granule	exeuv.jupiter.mod.03.20140127.lv.02.vr.00	L2 dataset	exeuv.jupiter.mod.03.20140127.lv.02.vr.00	im	#Jupiter#	#planet#	2456685.0	2456685.0	60.0	60.0
granule	exeuv.jupiter.mod.03.20140110.lv.02.vr.00	L2 dataset	exeuv.jupiter.mod.03.20140110.lv.02.vr.00	im	#Jupiter#	#planet#	2456668.0	2456668.0	60.0	60.0
granule	exeuv.jupiter.mod.03.20140126.lv.02.vr.00	L2 dataset	exeuv.jupiter.mod.03.20140126.lv.02.vr.00	im	#Jupiter#	#planet#	2456684.0	2456684.0	60.0	60.0
granule	exeuv.jupiter.mod.03.20140130.lv.02.vr.00	L2 dataset	exeuv.jupiter.mod.03.20140130.lv.02.vr.00	im	#Jupiter#	#planet#	2456688.0	2456688.0	60.0	60.0
granule	exeuv.jupiter.mod.03.20140106.lv.02.vr.00	L2 dataset	exeuv.jupiter.mod.03.20140106.lv.02.vr.00	im	#Jupiter#	#planet#	2456664.0	2456664.0	60.0	60.0
granule	exeuv.jupiter.mod.03.20140120.lv.02.vr.00	L2 dataset	exeuv.jupiter.mod.03.20140120.lv.02.vr.00	im	#Jupiter#	#planet#	2456678.0	2456678.0	60.0	60.0
granule	exeuv.jupiter.mod.03.20140121.lv.02.vr.00	L2 dataset	exeuv.jupiter.mod.03.20140121.lv.02.vr.00	im	#Jupiter#	#planet#	2456679.0	2456679.0	60.0	60.0
granule	exeuv.jupiter.mod.03.20140116.lv.02.vr.00	L2 dataset	exeuv.jupiter.mod.03.20140116.lv.02.vr.00	im	#Jupiter#	#planet#	2456674.0	2456674.0	60.0	60.0

VESPA portal site

- <http://vespa.obspm.fr/planetary/data/epn/query/resource/>
- Input queries e.g.:
 - resource URL
 - Schema name
 - Resource type

NOTE!! Hisaki data is NOT officially opened to public yet. DON'T download & use data from here.



Query form: custom resource

Resource URL	<input type="text" value="http://130.34.116.199/___system"/>	Schema name	<input type="text" value="hisaki"/>
Target name	<input type="text"/>	Target class	<ul style="list-style-type: none">asteroidcometdwarf_planetexoplanetinterplanetary_mediumplanet
Resource type	<input type="text" value="granule"/>		
Dataset ID	<input type="text"/>		
Time selection	<input type="text" value="Data range is included in"/>		<input type="text" value="the range between"/>
Time min	<input type="text"/>	Time max	<input type="text"/>
Dataproduct type	<ul style="list-style-type: none">imagespectrumdynamic_spectrum	Measurement type	<input type="text"/>

Plotting tools

- TOPCAT
- Aladin
- VOSpec
- SPLAT

Example queries

- Saturn in March 2012

VESPA

Virtual European Solar and Planetary Access

All VO Custom resource Direct Query

Help

Query results for specific schema : hisaki

granule

EPN Resources

Plotting tools

-  TOPCAT
-  Aladin
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-  SPLAT

Example queries

- [Saturn in March 2012](#)

Custom resource for schema: hisaki

Results : 58

[DISPLAY RESULTS](#) [DISPLAY VOTABLE](#) [SAMP VOTABLE](#) [ADVANCED QUERY FORM](#)

► Description :

Credits:

Generated WHERE clause of ADQL statement:

```
SELECT * FROM ... WHERE resource_type = 'granule'
```


Results in service hisaki

Show entries

Search:

Show / hide columns

[Full Text](#)

datapoint_type	target_name	time_min (d)	time_max (d)	access_url
image	#Jupiter#	2014-01-01T12:00...	2014-01-01T12:00...	exeuv.jupiter.mod.03.20140101.lv.02.vr.00.fits
image	#Jupiter#	2014-01-01T12:00:00	2014-01-01T12:00:00	exeuv.jupiter.mod.03.20140101.lv.02.vr.00.jpg
image	#Jupiter#	2014-01-02T12:00...	2014-01-02T12:00...	exeuv.jupiter.mod.03.20140102.lv.02.vr.00.fits
image	#Jupiter#	2014-01-02T12:00:00	2014-01-02T12:00:00	exeuv.jupiter.mod.03.20140102.lv.02.vr.00.jpg
image	#Jupiter#	2014-01-03T12:00...	2014-01-03T12:00...	exeuv.jupiter.mod.03.20140103.lv.02.vr.00.fits
image	#Jupiter#	2014-01-03T12:00:00	2014-01-03T12:00:00	exeuv.jupiter.mod.03.20140103.lv.02.vr.00.jpg
image	#Jupiter#	2014-01-04T12:00...	2014-01-04T12:00...	exeuv.jupiter.mod.03.20140104.lv.02.vr.00.fits
image	#Jupiter#	2014-01-04T12:00:00	2014-01-04T12:00:00	exeuv.jupiter.mod.03.20140104.lv.02.vr.00.jpg
image	#Jupiter#	2014-01-05T12:00...	2014-01-05T12:00...	exeuv.jupiter.mod.03.20140105.lv.02.vr.00.fits
image	#Jupiter#	2014-01-05T12:00:00	2014-01-05T12:00:00	exeuv.jupiter.mod.03.20140105.lv.02.vr.00.jpg
image	#Jupiter#	2014-01-06T12:00...	2014-01-06T12:00...	exeuv.jupiter.mod.03.20140106.lv.02.vr.00.fits
image	#Jupiter#	2014-01-06T12:00:00	2014-01-06T12:00:00	exeuv.jupiter.mod.03.20140106.lv.02.vr.00.jpg
image	#Jupiter#	2014-01-07T12:00...	2014-01-07T12:00...	exeuv.jupiter.mod.03.20140107.lv.02.vr.00.fits
image	#Jupiter#	2014-01-07T12:00:00	2014-01-07T12:00:00	exeuv.jupiter.mod.03.20140107.lv.02.vr.00.jpg
image	#Jupiter#	2014-01-	2014-01-	exeuv.jupiter.mod.03.20140108.lv.02.vr.00.fits

Plotting tools

- TOPCAT
- Aladin
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Example queries

- [Saturn in March 2012](#)

SELECTED DATA

No data selected

PREVIEW