

# Services status and metrics

<http://voparis-validation.obspm.fr/>

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## Questions in Pune

**What is the level of service compliance ?  
(vr:validationLevel need more precise  
description)**

**NVO registry uses this validation level.  
A document should be provide for  
discussion to define the process.**

- ❑ What is the evolution of quality assessment ? (next slides)**
- ❑ What level we want to reach ?**
- ❑ What policy to clean service registry ?  
(currently being accessed)**
- ❑ What method to use ?**

**What is the evolution of quality assessment ?**

□ **Job started with a small group  
STSCI, NCSA and VOParis.**

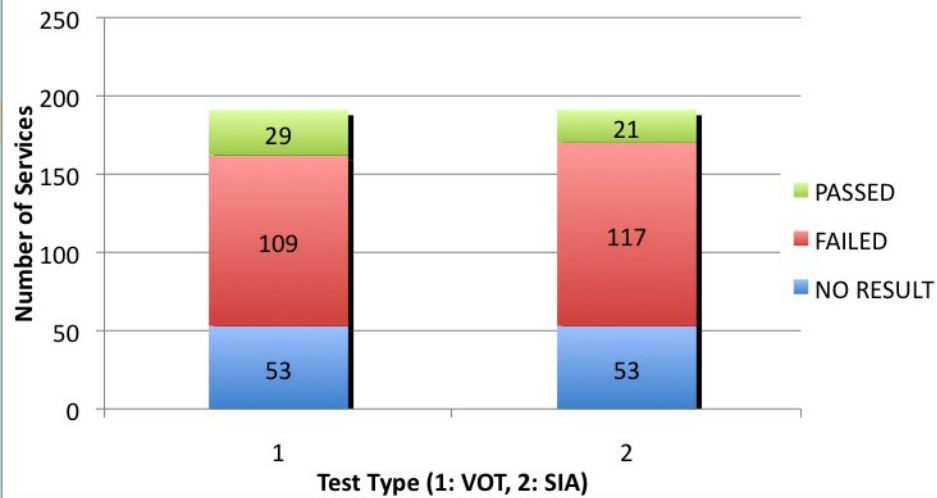
**First goal is to deal with services which  
are not responding**

**Automatic mail remind / evolution until  
exec proposition to change service  
status.**

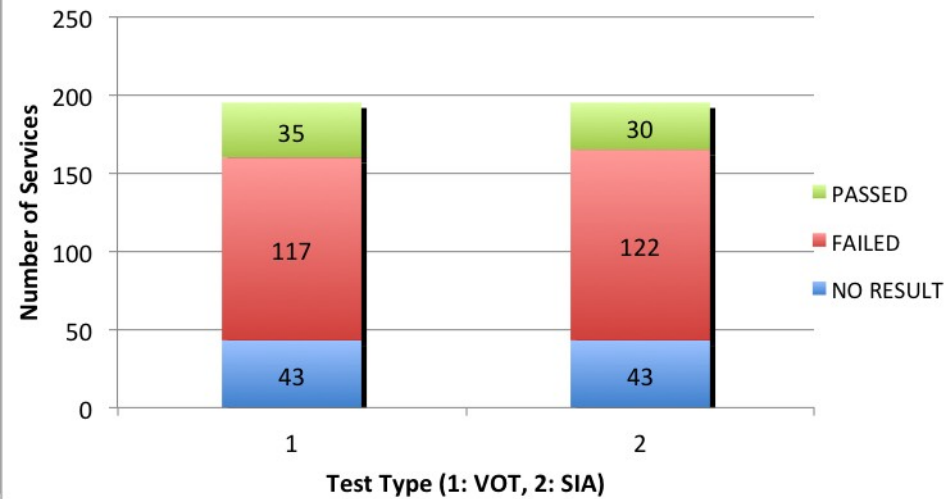
□ **At the same time debug of validator  
(case sensitivity on Utype ...)**

# Result 06/2011 -> 05/2012

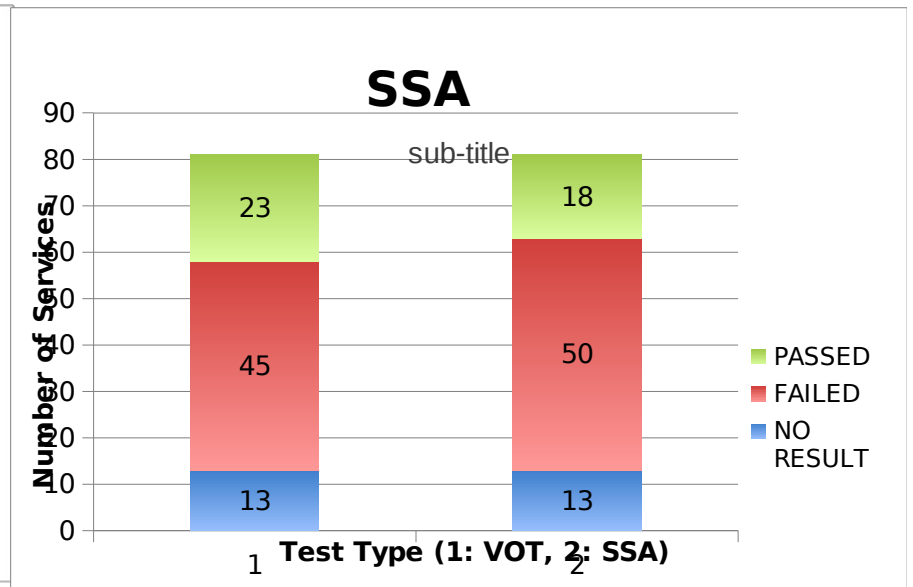
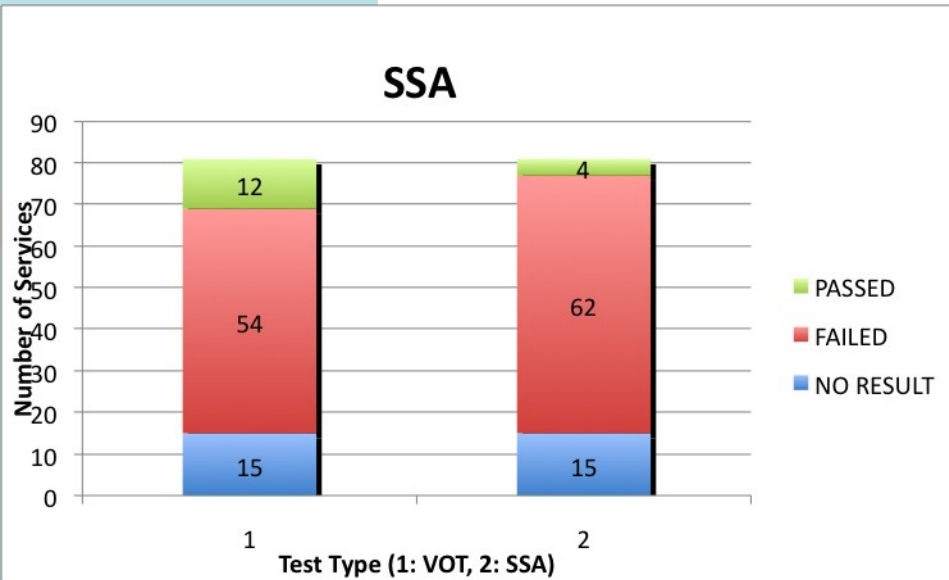
## SIA



## SIA

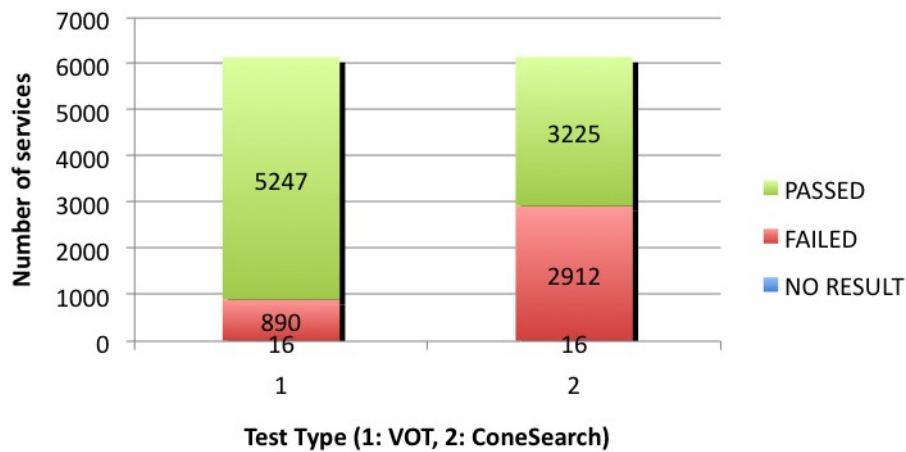


# Result 06/2011 -> 05/2012

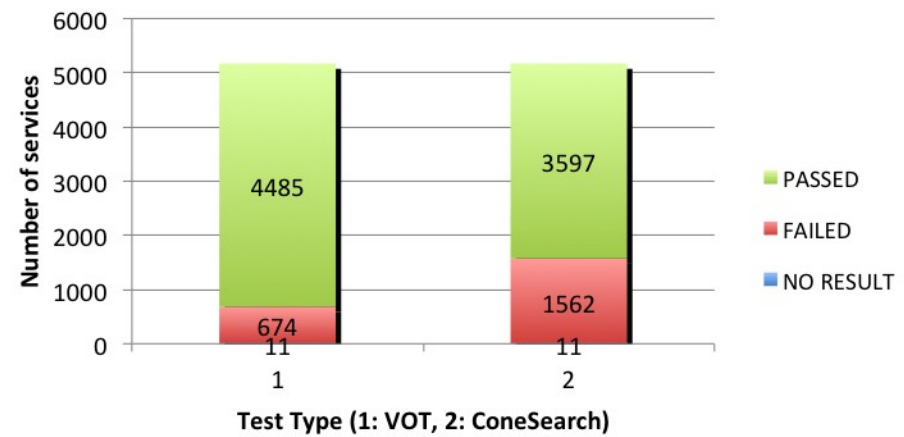


# Result 06/2011 -> 05/2012

## ConeSearch



## ConeSearch



# Service status globally

- ◆ Go to <http://voparis-validation.obspm.fr/>
  - ◆ Click on registry-load under Programs
  - ◆ Select file to load (ex: results-cron-Astrogrid-SIA is the nightly results for Astrogrid, SIA)
  - ◆ Other options: use the defaults
- Click on Load and Display
- ◆ The statistics are displayed in text format

We generate the graphics using this information

This can also be useful to compare registries content

# Service status globally

## IVOA Services Validator: Results

Version 1.06

Questions, comments: [vo.paris@obspm.fr](mailto:vo.paris@obspm.fr)

Select file to load:	data/results-cron-Astrogrid-SIA.json <input type="button" value="Create new file"/>
Additional keyword: searched for in service id	<input type="text"/> Examples: obspm, stsci, esavo, gavo, VizieR...
Display:	<input type="checkbox"/> Display detailed results <input checked="" type="checkbox"/> Display statistics
Select Registry WSDL (for details):	NVO <input type="button" value="↓"/>
Select Registry endpoint (for details):	ESA <input type="button" value="↓"/>
Debug level:	0 <input type="button" value="↓"/>
<input type="button" value="Load and Display"/>	

### Results from file data/results-cron-Astrogrid-SIA.json

250 total service(s) found in file  
250 service(s) considered

### Statistics from file data/results-cron-Astrogrid-SIA.json

Services tested: 182

VOT - no results:	54 = 29.7 %	Spec - no results:	54 = 29.7 %
VOT - failed:	106 = 58.2 %	Spec - failed:	110 = 60.4 %
VOT - passed:	22 = 12.1 %	Spec - passed:	18 = 9.9 %



# Details on a web page

- ◆ Go to <http://voparis-validation.obspm.fr/>
- ◆ Click on registry-load under Programs
- ◆ Select file to load (ex: results-cron-Astrogrid-SIA is the nightly results for Astrogrid, SIA)
- ◆ Check the box Display detailed results
- ◆ Click on Load and Display

The detailed results are displayed with the colored widgets showing the validation issues

**The results shows valid services in green, invalid in red and also not responding in grey. The real added value is that there is a time in days since no change of this status is observed. This should be taken into account**

# Details on a web page



## IVOA Services Validator: Results

Version 1.06  
Questions, comments: [vo\\_paris@obspm.fr](mailto:vo_paris@obspm.fr)

Select file to load:	data/results-cron-Astrogrid-SIA.json <a href="#">Create new file</a>
Additional keyword: searched for in service id	Examples: obspm, stsci, esavo, gavo, VizieR...
Display:	<input type="checkbox"/> Display detailed results <input checked="" type="checkbox"/> Display statistics
Select Registry WSDL (for details):	NVO
Select Registry endpoint (for details):	ESA
Debug level:	0
<a href="#">Load and Display</a>	

### Results from file data/results-cron-Astrogrid-SIA.json

250 total service(s) found in file

IVOA Identifier	Title	Short Name	Contact Email	Service URL	Service Type	Spec	Validation results	Date	Unchanged for
<a href="#">ivo://esavo/xmm/siap</a>	The XMM-Newton Science Archive InterOperability System	XMM-Newton SIAP	esavo.helpdesk@sciops.esa.int	<a href="http://xsa.esac.esa.int:8080/aio/isp/siap.jsp? Validate Validate(batch)">http://xsa.esac.esa.int:8080/aio/isp/siap.jsp? Validate Validate(batch)</a>	vs.ParamHTTP	Simple Image Access	Simple VOTable Image Access 0 fatalities 14 warnings 0 errors	2011-10-11	13 days
<a href="#">ivo://esavo/iso/siap</a>	The ISO Data Archive InterOperability System	ISO SIAP	esavo.helpdesk@sciops.esa.int	<a href="http://archives.esac.esa.int/ida/aio/isp/siap.jsp?imageType=image Validate Validate(batch)">http://archives.esac.esa.int/ida/aio/isp/siap.jsp?imageType=image Validate Validate(batch)</a>	vs.ParamHTTP	Simple Image Access	Simple VOTable Image Access 0 fatalities 9 warnings 0 errors	2011-10-11	25 days
<a href="#">ivo://esavo/isda/siap</a>	The Integral Science Data Archive InterOperability System	Integral SIAP	esavo.helpdesk@sciops.esa.int	<a href="http://isda.esac.esa.int:8080/aio/isp/metadata.jsp?resource_class=ods Validate Validate(batch)">http://isda.esac.esa.int:8080/aio/isp/metadata.jsp?resource_class=ods Validate Validate(batch)</a>	vs.ParamHTTP	Simple Image Access	Simple VOTable Image Access 0 fatalities 0 warnings 0 errors	2011-10-11	46 days
<a href="#">ivo://xcatdb/2xmml/epicsia</a>	Epic Image SIAP of the SSC Interface for the 2XMMi Catalogue	XCATDBI-SIA	laurent.michel@astro.u-strasbg.fr	<a href="http://xcatdb.u-strasbg.fr/2xmml/sia?collection=[EPIC EpicObsImage ] Validate Validate(batch)">http://xcatdb.u-strasbg.fr/2xmml/sia?collection=[EPIC EpicObsImage ] Validate Validate(batch)</a>	vs.ParamHTTP	Simple Image Access	Simple VOTable Image Access 1 fatalities 0 warnings 0 errors	2011-10-11	5 days
<a href="#">ivo://xcatdb/2xmml/epicsia</a>	Epic Image SIAP of the SSC Interface for the 2XMMi Catalogue	XCATDBI-SIA	laurent.michel@astro.u-strasbg.fr	<a href="http://xcatdb.u-strasbg.fr/2xmml/">http://xcatdb.u-strasbg.fr/2xmml/</a>	vr.WebBrowser	Simple Image Access	Validation N/A	2011-10-11	0 days
<a href="#">ivo://nasa_heasarc/skyview/1420mhz</a>	Bonn 1420 MHz Survey	1420MHz	Skyview@skyview.gsfc.nasa.gov	<a href="http://skyview.gsfc.nasa.gov/cgi-bin/vo/sia.pl?survey=1420mhz&amp; Validate Validate(batch)">http://skyview.gsfc.nasa.gov/cgi-bin/vo/sia.pl?survey=1420mhz&amp; Validate Validate(batch)</a>	vs.ParamHTTP	Simple Image Access	Simple VOTable Image Access 0 fatalities 13 warnings 1 errors	2011-10-11	34 days
<a href="#">ivo://nasa_heasarc/skyview/1420mhz</a>	Bonn 1420 MHz Survey	1420MHz	Skyview@skyview.gsfc.nasa.gov	<a href="http://skyview.gsfc.nasa.gov/cgi-bin/query.pl">http://skyview.gsfc.nasa.gov/cgi-bin/query.pl</a>	vr.WebBrowser	undefined	Validation N/A	2011-10-11	0 days
<a href="#">ivo://nasa_heasarc/skyview/2mass</a>	Two Micron All Sky Survey (H-Band)	2MASS	Skyview@skyview.gsfc.nasa.gov	<a href="http://skyview.gsfc.nasa.gov/cgi-bin/vo/sia.pl?survey=2mass&amp; Validate Validate(batch)">http://skyview.gsfc.nasa.gov/cgi-bin/vo/sia.pl?survey=2mass&amp; Validate Validate(batch)</a>	vs.ParamHTTP	Simple Image Access	Simple VOTable Image Access 0 fatalities 13 warnings 1 errors	2011-10-11	4 days
<a href="#">ivo://nasa_heasarc/skyview/2mass</a>	Two Micron All Sky Survey (H-Band)	2MASS	Skyview@skyview.gsfc.nasa.gov	<a href="http://skyview.gsfc.nasa.gov/cgi-bin/query.pl">http://skyview.gsfc.nasa.gov/cgi-bin/query.pl</a>	vr.WebBrowser	undefined	Validation N/A	2011-10-11	0 days
<a href="#">ivo://nasa_heasarc/skyview/408mhz</a>	Hi All-Sky Continuum Survey	408MHz	Skyview@skyview.gsfc.nasa.gov	<a href="http://skyview.gsfc.nasa.gov/cgi-bin/vo/sia.pl?survey=408mhz&amp; Validate Validate(batch)">http://skyview.gsfc.nasa.gov/cgi-bin/vo/sia.pl?survey=408mhz&amp; Validate Validate(batch)</a>	vs.ParamHTTP	Simple Image Access	Simple VOTable Image Access 0 fatalities 13 warnings 1 errors	2011-10-11	34 days