

VO-Paris Validators

A demo



VOTable Validation Service

Load specification:

Simple Image Access 1.0

Required and optional parameters:

POS

SIZE

FORMAT

INTERSECT

NAXIS

CFRAME

EQUINOX

CRPIX

CRVAL

CDELTA

ROTANG

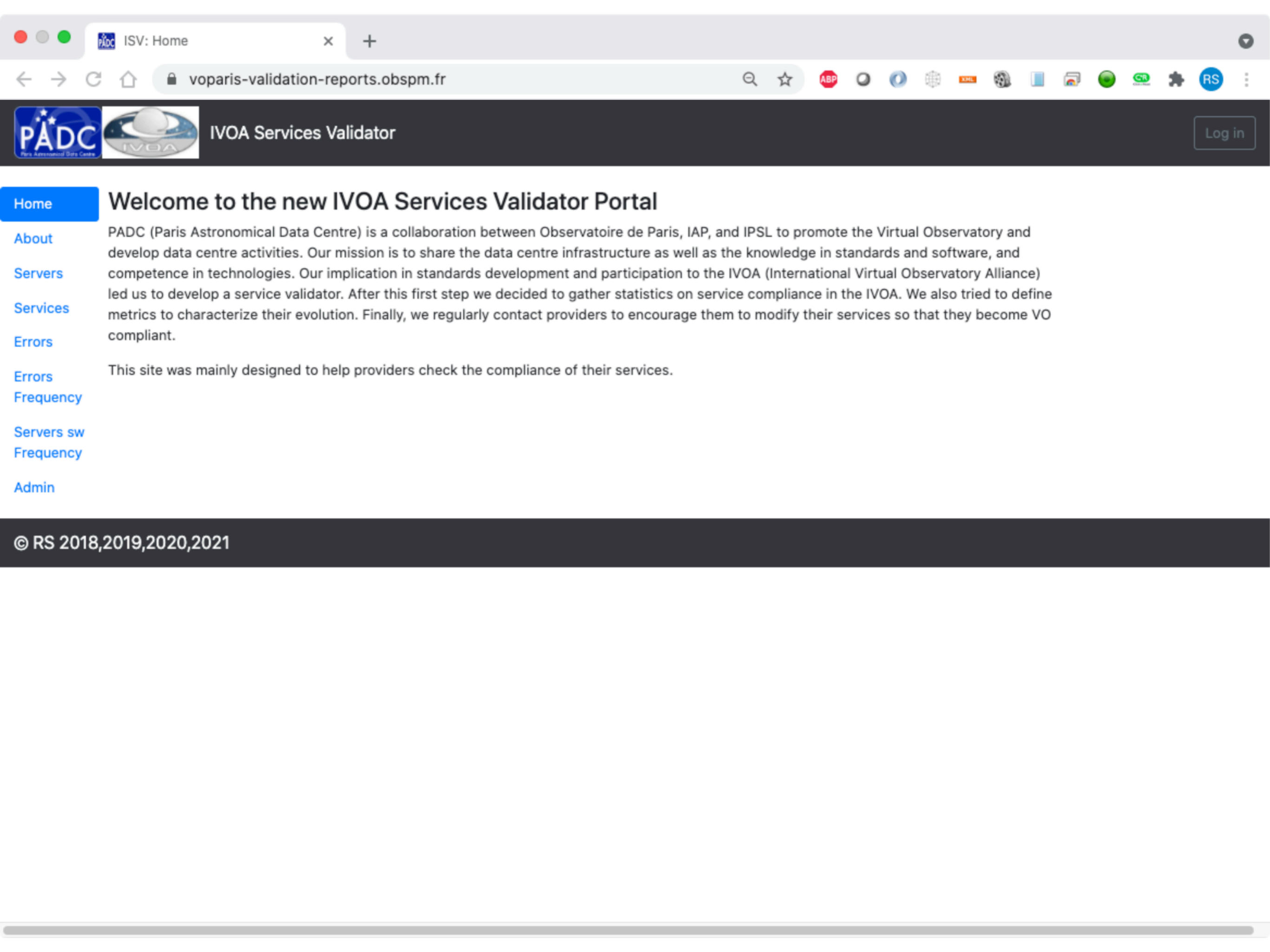
PROJ

VERB

Additional parameters:

URL of the service to validate:

Run batch tests



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- Errors
- Errors Frequency
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Welcome to the new IVOA Services Validator Portal

PADC (Paris Astronomical Data Centre) is a collaboration between Observatoire de Paris, IAP, and IPSL to promote the Virtual Observatory and develop data centre activities. Our mission is to share the data centre infrastructure as well as the knowledge in standards and software, and competence in technologies. Our implication in standards development and participation to the IVOA (International Virtual Observatory Alliance) led us to develop a service validator. After this first step we decided to gather statistics on service compliance in the IVOA. We also tried to define metrics to characterize their evolution. Finally, we regularly contact providers to encourage them to modify their services so that they become VO compliant.

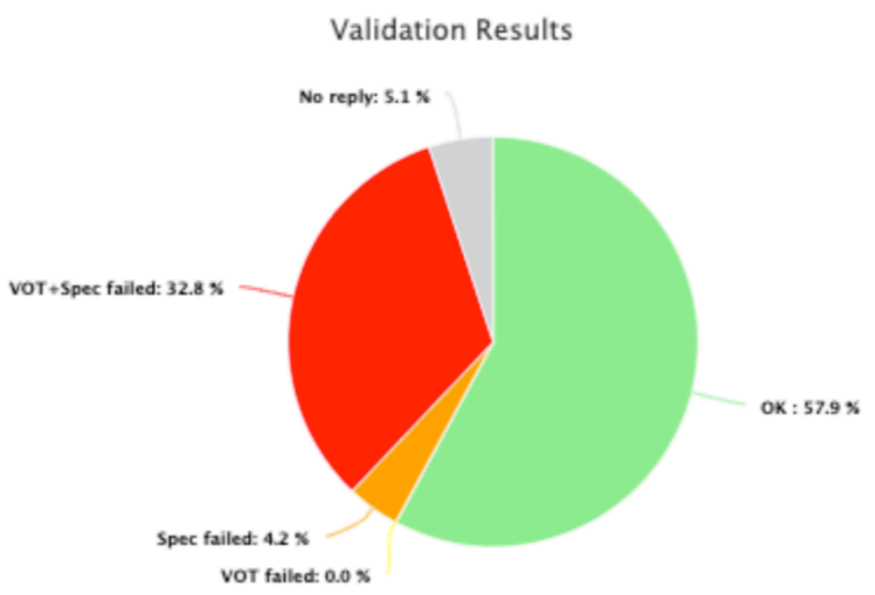
This site was mainly designed to help providers check the compliance of their services.

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Service Type: SIA
Min Val Date: 27/05/2021

Display Try Validate Errors

SIA services



Show 10 entries Copy CSV PDF Column visibility Show all columns

Search:

id	IVOID	URL	Title
91278	ivo://svo.cab/alhambra_siap_f814w	http://caha.sdc.cab.inta-csic.es/calto/siap_alhambra/alhambra_siap.jsp?	ALHAMBRA Final Arch F814W images
91279	ivo://irsa.ipac/iras/images/eiga	https://irsa.ipac.caltech.edu/cgi-bin/Atlas/nph-atlas?mission=EIGA&hdr_location=%5CEIGADataPath%5C&SIAP_ACTIVE=1&collection_desc=The+Extended+IRAS+Galaxy+Atlas+%2BEIGA%29&	The Extended IRAS Galaxy Atlas

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Search:

Title	Short Name	Date Insert	Date Update	VOR Status	VOR Created	VOR Updated	Contact Name	Contact Email	Date Val
ALHAMBRA Final Archive: F814W images	ALHAMBRA_F814W	2019-03-27	2021-05-27	active	2013-11-11T10:25:41	2019-03-14T08:14:29.531000	Enrique Solano, CAB Archive Support Team, Spanish Virtual Observatory	esm@cab.inta-csic.es	2021-05-27
The Extended IRAS Galaxy Atlas	EIGA	2019-03-27	2021-05-27	active	2004-04-21T19:10:40	2017-03-16T01:00:00	IRSA Support Team	irsasupport@ipac.caltech.edu	2021-05-27
AKARI Far- infrared All- Sky Survey Maps	AKARI_FIS_V1	2019-03-27	2021-05-27	active	2015-03-12T08:41:09	2019-11-14T03:47:17	JVO admin	help_desk@jvo.nao.ac.jp	2021-05-27
UKIDSS DR6 SIAP Service	UKIDSS DR6 SIAP	2019-03-27	2021-05-27	active	2011-10-26T12:02:10	2019-07-09T14:43:08	Mark Holliman	msh@roe.ac.uk	2021-05-27
Archive of Nearby Galaxies: Reduce, Reuse, Recycle (ANGRRR)	HST.ANGRRR	2019-03-27	2021-05-27	active	2011-11-06T19:21:43	2020-07-22T22:28:43	Archive Branch, STScI	archive@stsci.edu	2021-05-27
Scans of the Palomar- Leiden Trojan Survey Plates		2019-03-27	2021-05-27	active	2015-12-01T11:00:00	2021-01-22T08:24:03	GAVO Data Center Team	gavo@ari.uni-heidelberg.de	2021-05-27
WINGS									

Showing 1 to 10 of 335 entries

Previous **1** 2 3 4 5 ... 34 Next

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Search:

Date Val	XSI Type	Spec	Spec Version	Params	Val Mode	Result val	Result VOT	Result Spec	Nb Warn	Nb Err	Nb Fa
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	no	no	11	0	1
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	yes	yes	15	0	0
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	no	no	2	1	0
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	yes	yes	6	0	0
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	yes	yes	0	0	0
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	yes	yes	0	0	0
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	yes	yes	0	0	0
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	yes	yes	0	0	0
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	yes	yes	0	0	0
2021-05-27	vs:paramhttp	Simple Image Access	1.0	POS=180.0,60.0&SIZE=0.1,0.1&FORMAT=ALL	normal	OK	yes	yes	0	0	0

Showing 1 to 10 of 335 entries

Previous 1 2 3 4 5 ... 34 Next

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Search:

Nb Err	Nb Fatal	Days Same	Nb Fail	Provenance	StandardID	Svc Type	HTTP Code	Query Time	Server
0	1	792	0	ivo://esavo/registry	ivo://ivoa.net/std/sia	SIA	200	0.177229	Apache/2.4.41 (Ubuntu)
0	0	792	0	ivo://irsa.ipac/registry	ivo://ivoa.net/std/sia	SIA	200	0.788354	
1	0	792	0	ivo://ivo/publishingregistry	ivo://ivoa.net/std/sia	SIA	200	1.534008	Apache
0	0	792	0	ivo://wfau.roe.ac.uk/org_astrogrid.registry.registryservice	ivo://ivoa.net/std/sia	SIA	200	0.071471	Apache-Coyote/1.1
0	0	792	0	ivo://archive.stsci.edu/nvoregistry	ivo://ivoa.net/std/sia	SIA	200	0.621851	Apache/2.4.6 (Red Hat Enterprise Linux) OpenSSL/1.0.2k-fips mod_apreq2-20090110/2.8.0 mod_perl/2.0.10 Perl/v5.16.3
0	0	792	0	ivo://org.gavo.dc/_system_/services/registry	ivo://ivoa.net/std/sia#aux	SIA	200	1.126112	DaCHS/2.3.2 twistedWeb/18.9.0
									GlassFish Server

Showing 1 to 10 of 335 entries 1 row selected



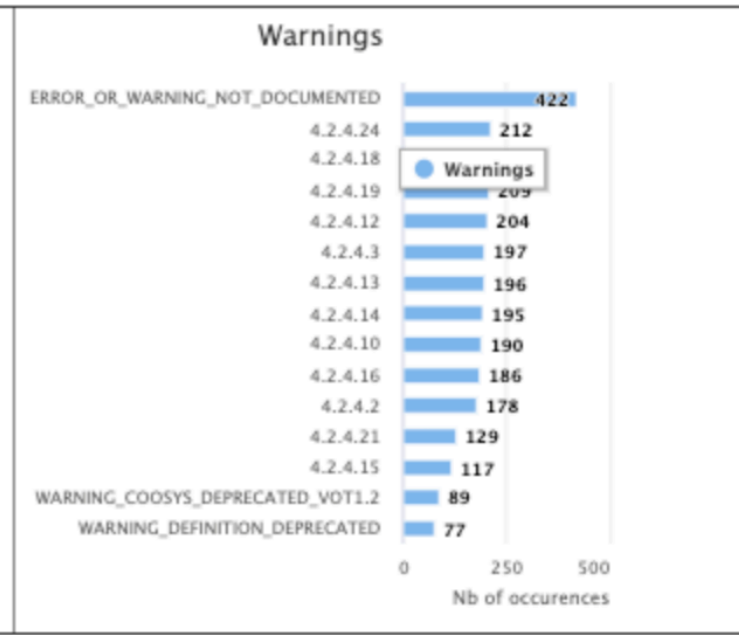
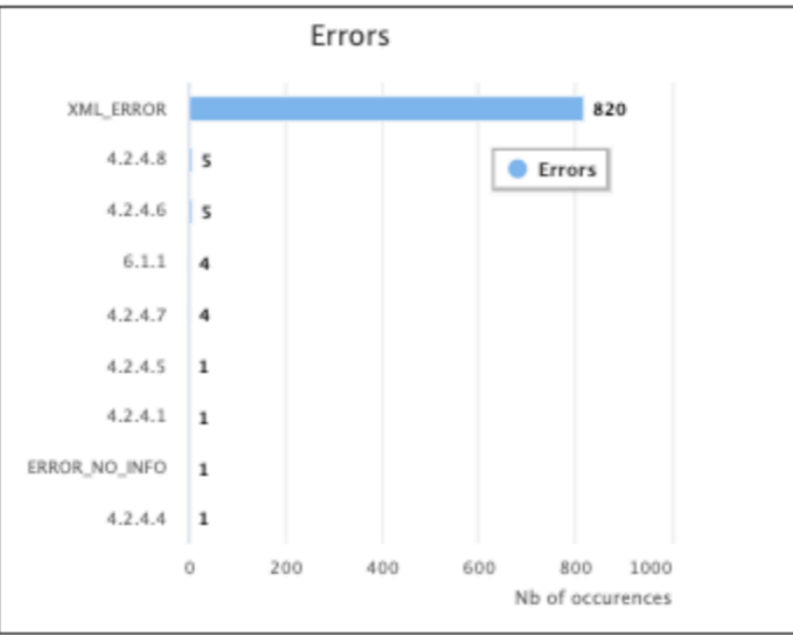
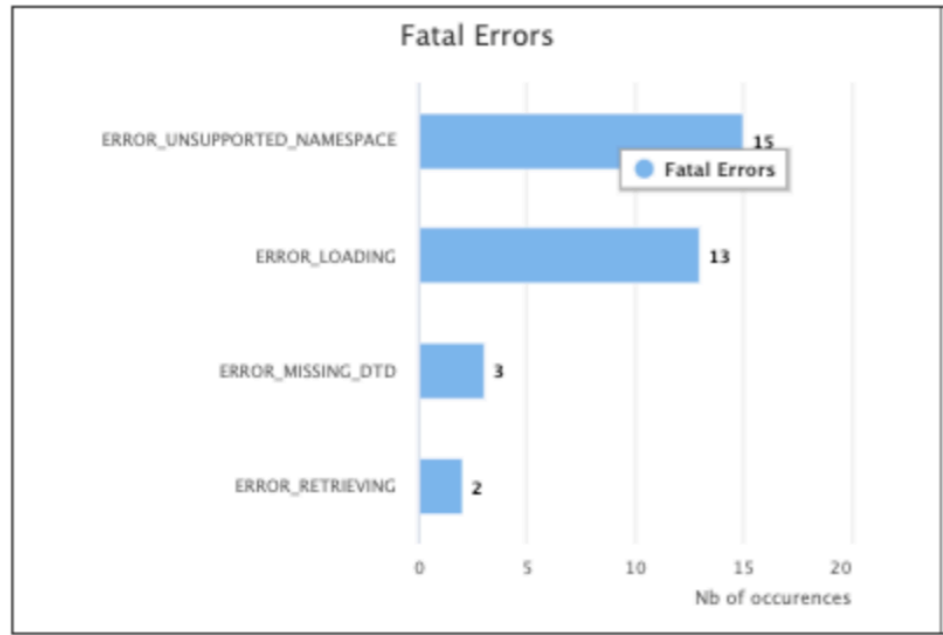
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Service Type:

Min Val Date:

Display Services

SIA errors frequency



Show 10 entries

Search:

Name	Type	Count
XML_ERROR	error	820
ERROR_OR_WARNING_NOT_DOCUMENTED	warning	422
4.2.4.24	warning	212
4.2.4.18	warning	210
4.2.4.19	warning	209
4.2.4.12	warning	204
4.2.4.3	warning	197
4.2.4.13	warning	196

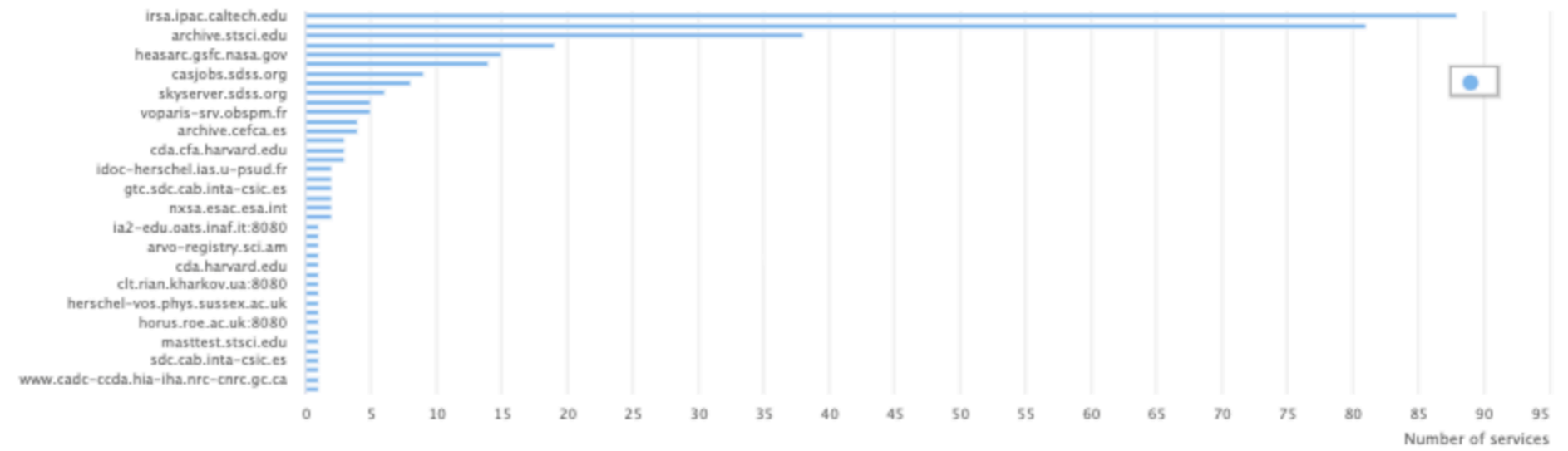
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Service Type: SIA | Min Val Date: 27/05/2021

Display | Services | Errors Frequency

SIA servers

Top SIA Servers



Show 10 entries | Copy | CSV | PDF | Column visibility | Show all columns

Search: ipac

Server Name	Nb Services	Nb Warnings	Nb Errors	Nb Fatal Errors	Nb Failures
irsa.ipac.caltech.edu	88	1201	2	0	0
sha.ipac.caltech.edu	2	0	0	2	0

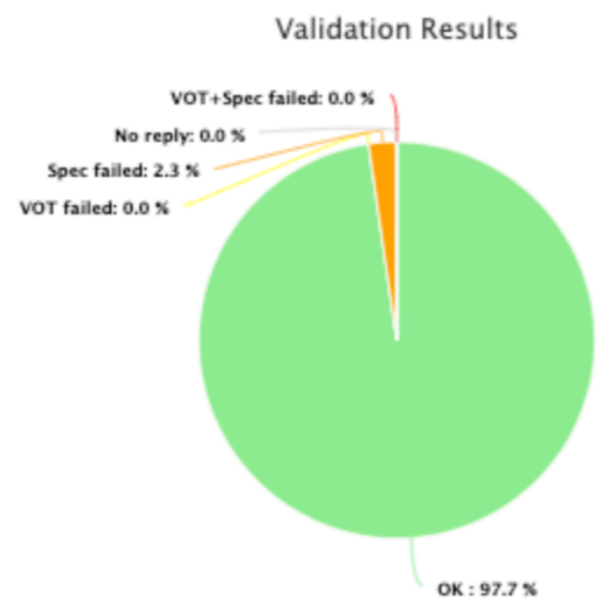
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Service Type:

Min Val Date:

SIA services

for server irsa.ipac.caltech.edu



Show entries

Search:

id	IVOID	URL	Title
91279	ivo://irsa.ipac/iras/images/eiga	https://irsa.ipac.caltech.edu/cgi-bin/Atlas/nph-atlas?mission=EIGA&hdr_location=%5CEIGADataPath%5C&SIAP_ACTIVE=1&collection_desc=The+Extended+IRAS+Galaxy+Atlas+%2BEIGA%29&	The Ex IRAS G Atlas
91290	ivo://irsa.ipac/spitzer/images/sings	https://irsa.ipac.caltech.edu/cgi-bin/Atlas/nph-atlas?mission=SINGS&hdr_location=\SINGSDataPath\&SIAP_ACTIVE=1&collection_desc=Spitzer+Infrared+Nearby+Galaxy+Survey+(SINGS)&	Spitzer Nearby Survey

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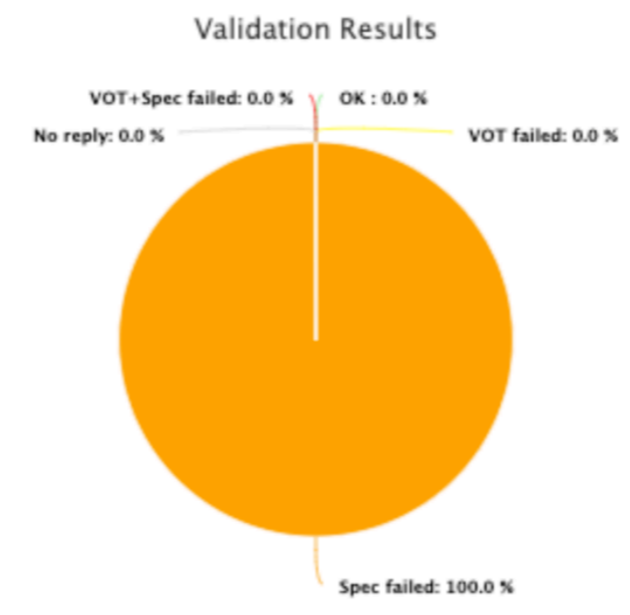
Service Type:

Min Val Date:

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SIA services

for server irsa.ipac.caltech.edu



Show entries [Copy](#) [CSV](#) [PDF](#) [Column visibility](#) [Show all columns](#)

Search:

id	IVOID	URL	Title	Short Name	Date Insert	Date Update	VOR Status	VOR C
91399	ivo://irsa.ipac.wise/imagenes/3-band/13a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	WISE 3-Band Cryo Atlas (L3a) Coadd	WISE 3-Band L3a	2019-03-27	2021-05-27	active	2015-026T02:

Service Type: SIA Min Val Date: 27/05/2021 Display

SIA errors

for service ivoi: ivo://irsa.ipac.wise/images/3-band/l3a and url: https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?

Show 10 entries Copy CSV PDF Column visibility Show all columns

Search:

id	IVOID	URL	Svc Type	Date	Type	Num	Name	Msg	Section
71451530	ivo://irsa.ipac.wise/images/3-band/l3a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	SIA	2021-05-27	warning	1	4.2.4.2		
71451532	ivo://irsa.ipac.wise/images/3-band/l3a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	SIA	2021-05-27	warning	2	4.2.4.3		
71451534	ivo://irsa.ipac.wise/images/3-band/l3a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	SIA	2021-05-27	warning	3	4.2.4.12		
71451545	ivo://irsa.ipac.wise/images/3-band/l3a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	SIA	2021-05-27	warning	4	4.2.4.13		
71451549	ivo://irsa.ipac.wise/images/3-band/l3a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	SIA	2021-05-27	warning	5	4.2.4.14		
71451553	ivo://irsa.ipac.wise/images/3-band/l3a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	SIA	2021-05-27	warning	6	4.2.4.15		
71451556	ivo://irsa.ipac.wise/images/3-band/l3a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	SIA	2021-05-27	warning	7	4.2.4.24		
71451558	ivo://irsa.ipac.wise/images/3-band/l3a	https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?	SIA	2021-05-27	error	1	4.2.4.8		

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VOTable Validation Service

https://irsa.ipac.caltech.edu/ibe/sia/wise/cryo_3band/3band_p3am_cdd?POS=180.0%2C60.0&SIZE=0.1%2C0.1&FORMAT=ALL

```
26 connecting their corners with great circles. Intersection tests of the
27 resulting sky-polygons are performed without further approximation.</DESCRIPTION>
28 <VALUES type="legal">
29 <OPTION value="OVERLAPS"/>
30 <OPTION value="CENTER"/>
31 <OPTION value="COVERS"/>
32 <OPTION value="ENCLOSED"/>
33 </VALUES>
34 </PARAM>
35 <PARAM name="INPUT:FORMAT" datatype="char" arraysize="*" value="ALL">
36 <DESCRIPTION>Requested output format. A value of ALL will return images matching the
```

SUCCESS: valid VOTable 1.3!

FAILURE: invalid Simple Image Access 1.0!

Warning: Exactly one **FIELD** or **PARAM** *should* have `ucd="INST_ID"`, with `datatype="char"`, and `arraysize="*"`, identifying the instrument or instruments used to make the observation. Either the element is missing, or some of its required attributes are missing or erroneous. No match found.

Warning: Exactly one **FIELD** or **PARAM** *should* have `ucd="VOX:Image_MJDateObs"`, with `datatype="double"`, representing the mean modified Julian date of the observation. Either the element is missing, or some of its required attributes are missing or erroneous. No match found.

Error: Exactly one **FIELD** or **PARAM** *must* have `ucd="VOX:Image_Scale"`, with `datatype="double"`, and `arraysize="*"`, with the array value giving the scale in degrees per pixel of each image axis. Either the element is missing, or some of its required attributes are missing or erroneous. No match found.