



NAVO/HEASARC Monitoring of VO Service Reliability and Validation Status

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Are VO Services Up?

VO Services Monitor (Time Window: 2014/06/01 - 2015/05/31)

[VO Service Notices](#)

[VO Monitor Help](#)

VO Data Services								
Site	% Passed tests	% All Up	Site	% Passed tests	% All Up	Site	% Passed tests	% All Up
3CR Snapshots	97.2	97.2	HEASARC *	98.0	92.6	Obs Lyon	87.5	81.6
AMIGACS	99.7	99.7	HESIOD	98.9	98.5	ROE Astrogrid	96.5	87.4
ASDC	98.5	98.5	Harvard ADS *	96.4	96.4	SDSS	89.8	65.3
ASU	99.1	98.7	Harvard CXC *	98.6	97.3	STECF	95.6	90.8
Ages	99.6	99.7	IACVO	100	100	STScI Registry	99.8	99.8
Arecibo-Cornell	99.3	99.3	INAF	97.0	90.6	SVO	98.4	99.5
Astro-Wise	94.4	92.1	IRSA *	96.8	92.1	SVO Cab	99.9	83.5
Astronet	63.5	60.1	ISON	99.1	99.1	SkyBot	97.5	97.5
CADC	97.0	94.6	IVOA	99.0	99.0	StarDB	97.6	97.6
CDPP	100	100	IVOA RofR	100	100	Swinburne	98.8	98.8
CDS	99.1	98.5	JVO	98.8	97.3	TBL Narval	99.8	99.8
CESAM	50.0	0.20	LAM	35.1	34.8	USNO	91.6	91.6
CRTS	97.3	97.3	MAGIC	95.2	95.2	VAO Closeout Repo	99.5	99.5
CSIRO	98.9	98.5	MAST *	99.3	98.7	VO Paris	99.2	98.8
Castor	99.8	99.8	NAO	96.8	96.9	XCAT	97.7	97.1
China VO	96.1	93.1	NCI	88.1	81.7			
ESA VO	98.3	96.4	NCSA	100	100			
ESO	99.6	99.5	NEA	100	100			
ESO ORG	98.9	98.7	NED *	97.2	91.5			
GAVO	99.5	99.1	NOAO	98.4	98.5			
GCP	91.7	91.7	NOVA	88.6	90.6			
GRAAL-VO	90.0	90.3	OVGSO	98.0	96.2			
German VO	72.4	67.4	Obs Haute Provence	95.0	93.1			

VO Uptime monitor: Average over past year.

Hourly queries for each center for each class of service

Caveats

- Represents view from HEASARC (network problem indistinguishable from actual downtime)
- May include obsolete services either forgotten or where registry deletion was not properly propagated
- Glitches at NCSA (or VOPDC?)
- Using new interface

http://heasarc.gsfc.nasa.gov/vo.test/external_monitor/stats.html (leave off stats.html to get current status).

VO Services Monitor



Hosted by:
HEASARC

[VO Service Notices](#)

[VO Monitor Help](#)

VO Data Services															
Site	Status	% Passed tests	% All Up	Site	Status	% Passed tests	% All Up	Site	Status	% Passed tests	% All Up	Site	Status	% Passed tests	% All Up
3CR Snapshots	OK	100	100	HESIOD	OK	100	100	OVGSO	OK	100	100				
ASDC	OK	100	100	Harvard ADS *	OK	100	100	Obs Haute Provence	OK	100	100				
ASU	OK	100	100	Harvard CXC *	OK	100	100	Obs Lyon	OK	100	100				
Ages	OK	100	100	Helio VO	Fail	0	0	ROE Astrogrid	OK	100	100				
Arecibo-Cornell	OK	100	100	Helio VO Mirror	OK	100	100	SDSS	OK	100	100				
Astro-Wise	OK	100	100	IACVO	OK	100	100	STECF	OK	100	100				
Astronet	OK	100	100	INAF	OK	100	100	STScI Registry	OK	100	100				
BSDC	OK	100	100	IRSA *	OK	100	100	SVO	OK	100	100				
CADC	OK	100	100	ISON	OK	100	100	SkyBot	Fail	0	0				
CDPP	OK	100	100	IVOA	OK	100	100	StarDB	OK	100	100				
CDS	OK	100	100	IVOA RofR	OK	100	100	Swinburne	OK	100	100				
CRTS	OK	100	100	JVO	OK	100	100	TBL Narval	OK	100	100				
CSIRO	OK	100	100	LAM	Fail	0	0	USNO	OK	100	100				
Castor	OK	100	100	MAGIC	OK	100	100	VAO Closeout Repo	OK	100	100				
China VO	OK	100	100	MAST *	OK	100	100	VO Paris	OK	100	100				
ESA VO	OK	100	100	NAO	OK	100	100	XCAT	OK	100	100				
ESO	OK	100	100	NCI	OK	100	100								
GAVO	OK	100	100	NCSA	OK	100	100								
GCP	OK	100	100	NEA	OK	100	100								
GRAAL-VO	OK	100	100	NED *	OK	100	100								
German VO	OK	100	100	NOAO	OK	100	100								

VO Services Monitor Snapshot: Status in last hour
(from Tuesday)

How do we deal with interruptions of VO services

- Manual followup of detected issues
 - 122 tickets for followup between October 1, 2014 and June 1, 2015.
- Notification service
 - Little used. Uses NCSA SSO service whose future is uncertain
- Send automated alerts to responsible parties?
 - Capability exists

Do VO Services Implement Protocols Correctly?

Summary results by protocol

Results comparable to VOPDC

But we're much chrier of loading remote sites so each service is tested only once/month.

- Does validation status for services that are up change rapidly?

Are we mixing uptime/validation checks?

Cone

11079 total , 8289 passing (74.8%)

NCSA Validator

Count	Text
2681	The TABLE must contain exactly one FIELD with ucd='ID_MAIN'.
459	The RESOURCE element must contain exactly one TABLE.
408	VOTable must contain only one RESOURCE.
232	Apparent communication error produced an exception inside the validator:
226	cannot connect to web page or response could not be parsed

Note: In all tables a single service may return the same error multiple times.

Registry (Harvest)

16 total, 4 passing (25%)

OAI Validator

Count	Text
165	83: cvc-complex-type.3.2.2: Attribute 'asyncservice' is not allowed to appear in element 'accessURL'.
60	Operation must be compliant with OAI-PMH standard
34	39: cvc-enumeration-valid: Value 'pointed' is not facet-valid with respect to enumeration '[Cutout
34	17: cvc-attribute.3: The value '' of attribute 'ivo-id' on element 'name' is not valid with respect to its type
32	Resource record must be compliant with the VOResource schemas.

SIAP

241 total, 77 passing (31.9%)

NCSA Validator + Data download test

Count	Text
204	Apparent communication error produced an exception inside the validator:
54	Could not find image url
39	Apparent communication error produced an exception inside the validator:
36	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Format'.
35	The VOX:Image_FileSize column must have datatype='int'.

SSA

73 total, 13 passing (17.8%)

VOPDC Validator + Data download test

Count	Text
52	Could not find image url
29	Could not find data format element
26	Error: A FIELD or PARAM element with utype="ssa:Char.TimeAxis.Coverage.Location.Value" in a TABLE is mandatory. No match found.
25	Error: A FIELD or PARAM element with utype="ssa:Char.SpectralAxis.Coverage.Bounds.Extent" in a TABLE is mandatory. No match found.
24	Error: A FIELD or PARAM element with utype="ssa:Dataset.Length" in a TABLE is mandatory. No match found.

TAP

86 total, 9 passing (10.4%)

STILTS TAPLint

Count	Text
200	java.sql.SQLException: Cannot open database "TWOXMM" requested b...
200	java.sql.SQLException: Cannot open database "TWOXMM" requested b...
200	java.sql.SQLException: Cannot open database "TWOXMM" requested b...
69	TAP job failed for duff query [Non-303 response (200 OK)]
48	Not integer content "null" from http://wfaudata.roe.ac.uk/ukidss...

Summary by site

No site with more than 3 services is error free

Results for each protocol or site available through
<http://heasarc.gsfc.nasa.gov/vo/validation>

Ages

Number of Services 1 , 1 Cone

Fraction passing validation: 0%,0% Cone

Count	Text
3	The ID_MAIN column must have a string-appropriate arraysize (recommend '*').
1	This service url is mal-formed. It is missing either a '?' or '&' at the end

ASDC

Number of Services 1, 1 TAP

Fraction passing validation 100%,100% TAP

No Errors

ASU

Number of Services 2, 2 SSA

Fraction passing validation 100%,100% SSA

No Errors

Arecibo-Cornell

Number of Services 2, 2 Cone

Fraction of services passing validation 0%,0% Cone

Count	Text
8	Apparent communication error produced an exception inside the validator:

Astro-Wise

Number of Tests 4, 2 SIA, 2 Cone

Fraction passing validation 0%,0% Cone

Count	Text
10	Apparent communication error produced an exception inside the validator:
4	VOTable must contain exactly one RESOURCE with type='results'.
2	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Naxes'.
2	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Scale'.
2	There must be exactly one TABLE in the RESOURCE containing the results.

Astronet

Number of Tests 27, 26 Cone, 1 Registry

Fraction passing validation 0%,0% Cone, 0% Registry

Count	Text
104	Apparent communication error produced an exception inside the validator:
2	XML parsing errors
2	Operation must be compliant with OAI-PMH standard

BSDC VO

Number of Tests 3, 2 Cone, 1 Registry

Fraction passing validation 100%, 100% Cone, 100% Registry

No Errors

CADC

Number of Tests 5, 2 SIA, 2 Registry, 1 TAP

Fraction passing validation 20%, 0% SIA, 50% Registry, 0% TAP

Count	Text
6	The VOX:BandPass_Unit column must have arraysize='*'
6	The VOX:Image_Title column must have arraysize='*'
6	The VOX:Image_Naxis column must have datatype='int'.
6	The VOX:Image_Scale column must have arraysize='*'
6	The VOX:BandPass_ID column must have arraysize='*'

CDPP

Number of Tests 1, 1 TAP

Fraction passing validation 0%,0% TAP

Count	Text
1	TAP query failed [Service error: "Error in processing job e7WiMM...
1	TAP query failed [Service error: "Error in processing job I2XDI5...
1	TAP query failed [Service error: "Error in processing job PYnNRc...

CDS Simbad

Number of tests 2, 1 Cone, 1 Tap

Fraction Passing validation 50%, 100% Cone, 0% Tap

Count	Text
1	Incorrect Content-Type application/xml != text/xml for http://si...
1	(l.12
1	More than MAXREC rows returned (1 > 0) for SELECT oidref FROM pu...
1	Bad content type text/plain for HTTP response which should conta...
1	TAP result parse failed for "DUFF QUERY" [Content is not allowed...

CDS Aladin

Number of Tests 1, 1 SIA

Fraction passing validation 0%, 0% SIA

Count	Text
3	Apparent communication error produced an exception inside the validator:

CDS VizieR

Number of Tests 9685, 9683 Cone, 1 TAP, 1 Registry

Fraction passing validation 76%,76% Cone, 0% TAP, 0% Registry

Count	Text
2465	The TABLE must contain exactly one FIELD with ucd='ID_MAIN'.
308	The RESOURCE element must contain exactly one TABLE.
261	VOTable must contain only one RESOURCE.
39	cannot connect to web page or response could not be parsed
3	Values in the ID_MAIN column must be unique.

CSIRO

Number of Tests 4, 1 Cone, 1 TAP, 2 Registry

Fraction passing validation 0%, 0% Cone, 0% TAP, 0% Registry

Count	Text
56	Operation must be compliant with OAI-PMH standard
6	Some schema validation errors encountered.
6	OAI response must be a schema-compliant XML document.
2	XML parsing errors
2	XML parsing errors

CXC MIT

Number of Tests 2, 1 Cone, 1 SIA

Fraction passing validation 100%, 100% Cone, 100% SIA

No Errors

Castor

Number of Tests 1,1 SSA

Fraction passing validation 0%, 0% SSA

Count	Text
1	This service url is mal-formed. It is missing either a '?' or '&' at the end
1	Error: A FIELD or PARAM element with utype="ssa:Curation.Publisher" in a TABLE is mandatory. No match found.
1	Could not find image url
1	Error: A FIELD or PARAM element with utype="ssa:Dataset.DataModel" in a TABLE is mandatory. No match found.

China VO

Number of Tests 6, 4 Cone, 2 SSA

Fraction passing validation 0%,0% Cone, 0% SSA

Count	Text
6	The ID_MAIN column must have a string-appropriate arraysize (recommend '*').
6	Error: Element FIELD
5	Apparent communication error produced an exception inside the validator:
2	Error: Element FIELD
2	Error: Element FIELD

ESAVO

Number of Tests 6, 3 SIA, 1 SSA,2 Registry

Fraction passing validation 0%, 0%SIA,0% SSA, 0% Registry

Count	Text
4	Apparent communication error produced an exception inside the validator:
4	cannot connect to web page or response could not be parsed
3	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Naxis'.
2	This service url is mal-formed. It is missing either a '?' or '&' at the end
1	Error: VOTable version 1.1 or greater is required.

ESO

Number of Tests 1, 1 SIA

Fraction passing validation 100%,100% SIA

No Errors

GAVO DC

Number of Tests 40, 25 Cone, 6 SIA, 7 SSA, 2 TAP

Fraction passing validation 85%, 96% Cone, 84% SIA, 57% SSA, 100% TAP

Count	Text
4	Could not find image url
3	The TABLE must contain exactly one FIELD with ucd='POS_EQ_RA_MAIN'.
3	The TABLE must contain exactly one FIELD with ucd='POS_EQ_DEC_MAIN'.
1	Could not find data format element
1	Could not find reference url element

GRAAL-VO

Number of Tests 1, 1 SSA

Fraction passing validation 0%, 0% SSA

Count	Text
1	Warning: utypes of standard fields are required for identification of interface elements and must be given. Check that all your standard fields have Utypes. 8 found
1	Error: A FIELD or PARAM element with utype="ssa:Char.TimeAxis.Coverage.Location.Value" in a TABLE is mandatory. No match found.
1	Could not find data format element
1	Error: A FIELD or PARAM element with utype="ssa:Char.SpatialAxis.Coverage.Bounds.Extent" in a TABLE is mandatory. No match found.
1	Could not find reference url element

German VO

Number of Tests 5, 1 Cone, 1 SIA, 3 SSA

Fraction passing validation 40%, 0% Cone, 100% SIA, 33%SSA

Count	Text
3	The TABLE must contain exactly one FIELD with ucd='ID_MAIN'.
3	The TABLE must contain exactly one FIELD with ucd='POS_EQ_DEC_MAIN'.
3	The TABLE must contain exactly one FIELD with ucd='POS_EQ_RA_MAIN'.
2	Error: Element INFO: The attribute name is required but missing.
1	Apparent communication error produced an exception inside the validator:

Harvard ADS

Number of Tests 1, 1 Cone

Fraction passing validation 100%, 100% Cone

No Errors

Harvard CXC

Number of Tests 7, 2 SIA, 2 Cone, 2 TAP, 1 Registry Harvest

Fraction passing validation 14%,0% SIA, 0% Cone, 0% TAP,100% Registry Harvest

Count	Text
6	The TABLE must contain exactly one FIELD with ucd='ID_MAIN'.
6	The TABLE must contain exactly one FIELD with ucd='POS_EQ_DEC_MAIN'.
6	The TABLE must contain exactly one FIELD with ucd='POS_EQ_RA_MAIN'.
3	The TABLE must contain exactly one FIELD or PARAM with ucd='POS_EQ_DEC_MAIN'.
3	The TABLE must contain exactly one FIELD or PARAM with ucd='POS_EQ_RA_MAIN'.

HEASARC

Number of Services, 785, 733 Cone, 50 SIA , 1 TAP, 1 Registry

Fraction passing validation: 87.5 %, 87.7% Cone, 86% SIA, 0% Registry, 0% TAP

Count	Text
67	Values in the ID_MAIN column must be unique.
41	The TABLE must contain exactly one FIELD with ucd='ID_MAIN'.
12	The POS_EQ_DEC_MAIN column must have datatype='double'.
12	The POS_EQ_RA_MAIN column must have datatype='double'.
7	Could not find image url

Helio Registry

Number of Tests 2, 2 Registry

Fraction passing validation 0%, 0% Registry

Count	Text
165	83: cvc-complex-type.3.2.2: Attribute 'asyncservice' is not allowed to appear in element 'accessURL'.
27	85: cvc-enumeration-valid: Value 'webservice' is not facet-valid with respect to enumeration '[full
27	85: cvc-attribute.3: The value 'webservice' of attribute 'use' on element 'accessURL' is not valid with respect to its type
4	82: cvc-type.2: The type definition cannot be abstract for element interface.

Helio Registry Mirror

Number of Tests 3, 3 Registry

Fraction passing validation 0%, 0% Registry

Count	Text
4	cannot connect to web page or response could not be parsed
2	This service url is mal-formed. It is missing either a '?' or '&' at the end
1	Could not find setSpec in header ! set = CeaApplication

HESIOD

Number of Tests 3, 1 Cone, 2 SIA

Fraction passing validation 0%, 0% Cone, 0% SIA

Count	Text
3	The POS_EQ_RA_MAIN column must be defined as a scalar--i.e. arraysize="1"
3	The POS_EQ_DEC_MAIN column must be defined as a scalar--i.e. arraysize="1"
2	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Scale'.
2	There must be exactly one TABLE in the RESOURCE containing the results.
2	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_AccessReference'.

IA2 INAF

Number of Tests 36, 26 Cone, 7 SIA, 1 SSA, 2 TAP

Fraction passing validation 69.4%, 96.15% Cone, 0% SIA, 0% SSA, 0% TAP

Count	Text
9	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Scale'.
9	There must be exactly one TABLE in the RESOURCE containing the results.
9	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_AccessReference'.
9	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Title'.
9	The TABLE must contain exactly one FIELD or PARAM with ucd='POS_EQ_DEC_MAIN'.

IACVO

Number of Tests 3, 3 SIA

Fraction passing validation 0%, 0% SIA

Count	Text
3	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Format'.
3	Could not find image url

IAP VOPDC

Number of Tests 1, 1 Cone

Fraction passing validation 100%, 100% Cone

No Errors

IPAC

Number of Tests 358, 294 Cone, 64 SIA

Fraction passing validation 20.3%, 23.1% Cone, 10.9% SIA

Count	Text
169	cannot connect to web page or response could not be parsed
157	The TABLE must contain exactly one FIELD with ucd='POS_EQ_DEC_MAIN'.
157	The TABLE must contain exactly one FIELD with ucd='POS_EQ_RA_MAIN'.
157	The TABLE must contain exactly one FIELD with ucd='ID_MAIN'.
116	Apparent communication error produced an exception inside the validator:

IVOA Net

Number of Tests 1, 1 Registry

Fraction passing validation 0%, 0% Registry

Count	Text
8	99: cvc-complex-type.2.4.a: Invalid content was found starting with element 'schema'. One of '{":endorsedVersion
8	Resource record must be compliant with the VOResource schemas.
2	A registry cannot declare new set names that begin with 'ivo_'.
2	Some schema validation errors encountered;

ISON

Number of Tests 1, 1 SIA

Fraction passing validation 100%, 100% SIA

No Errors

JVO

Number of Tests 25, 6 SIA,1 SSA, 1 Registry,17 TAP

Fraction passing validation 8%, 33% SIA,0% SSA,0% Registry, 0% TAP

Count	Text
17	TAP query failed [Non-303 response (200 OK)]
17	TAP job failed for duff query [Non-303 response (200 OK)]
17	Failed to submit TAP query SELECT TOP 100 * FROM TAP_SCHEMA.sche...
17	Overflow not marked - no <INFO name='QUERY_STATUS' value='OVERFL...
17	TAP query failed [Non-303 response (200 OK)]

MAGIC

Number of Tests 1, 1 SSA

Fraction passing validation 0%, 0% SSA

Count	Text
1	Could not find image url
1	no no Fatal: No Document Type Definition referenced
1	Error: A FIELD or PARAM element with utype="ssa:Dataset.Length" in a TABLE is mandatory. No match found.
1	Error: A FIELD or PARAM element with utype="ssa:Char.SpectralAxis.Coverage.Location.Value" in a TABLE is mandatory. No match found.
1	Could not find data format element

MAST II

Number of Tests 3, 3 SSA

Fraction passing validation 33%, 33% SSA

Count	Text
2	Could not find image url
1	no no Fatal: No Document Type Definition referenced
1	Error: A FIELD or PARAM element with utype="ssa:Char.SpectralAxis.Coverage.Bounds.Extent" in a TABLE is mandatory. No match found.
1	Error: VOTable version 1.1 or greater is required.

MAST

Number of Tests 48, 1 Cone, 9 SSA, 38 SIA

Fraction passing validation 45.8%, 0% Cone, 55.5% SSA, 55.26% SIA

Count	Text
15	unknown error
10	Could not find image url
1	cannot connect to web page or response could not be parsed

NAO

Number of Tests 3, 3 Cone

Fraction passing validation 100%, 100% Cone

No Errors

NCI

Number of Tests 11, 8 Cone, 3 TAP

Fraction passing validation 63.6%, 97.5% Cone, 0% TAP

Count	Text
3	Bad content type text/html;charset=utf-8 for HTTP response which...
3	(l.1c.1021): The element type "hr" must be terminated by the m
3	TAP query result parse failed [The element type "hr" must be ter...
3	Bad content type text/html;charset=utf-8 for HTTP response which...
3	TAP query result parse failed [The element type "hr" must be ter...

NCSA II

Number of Tests 2, 2 Registry

Fraction passing validation 0%, 0% Registry

Count	Text
6	Resource record must be compliant with the VOResource schemas.
6	47: cvc-type.3.1.3: The value 'pointed' of element 'imageServiceType' is not valid.
6	47: cvc-enumeration-valid: Value 'pointed' is not facet-valid with respect to enumeration '[Cutout
2	OAI response must be a schema-compliant XML document;
2	cannot connect to web page or response could not be parsed

NEA

Number of Tests 1, 1 Cone

Fraction passing validation 0%, 0% Cone

Count	Text
1	Apparent communication error produced an exception inside the validator:

NED

Number of Tests 1 SIA, 1 Cone, 1 SSA

Fraction passing validation 0 %, 0% SIA, 0% Cone, 0% SSA

Count	Text
2	Apparent communication error produced an exception inside the validator:
2	The TABLE must contain exactly one FIELD with ucd='ID_MAIN'.
2	The TABLE must contain exactly one FIELD with ucd='POS_EQ_DEC_MAIN'.
2	Could not find image url
2	The TABLE must contain exactly one FIELD with ucd='POS_EQ_RA_MAIN'.

NOAO

Number of Tests 4, 4 Cone

Fraction passing validation 0%, 0% Cone

Count	Text
16	Apparent communication error produced an exception inside the validator:

NOVA

Number of Tests 2, 1 Cone, 1 Registry

Fraction passing validation 0%, 0% Cone, 0% Registry

Count	Text
2	OAI response must be a schema-compliant XML document;
2	Resource record must be compliant with the VOResource schemas.
2	21: cvc-type.3.1.3: The value 'NOVA VVVSurvey BM' of element 'shortName' is not valid.
2	Some schema validation errors encountered;

Obs Haute Provence

Number of Tests 1, 1 SSA

Fraction passing validation 0%, 0% SSA

Count	Text
1	Could not find data format element
1	Could not find image url

Obs Lyon

Number of Tests 2 ,2 SSA

Fraction passing validation 0%, 0% SSA

Count	Text
1	Error: A FIELD or PARAM element with utype="ssa:Char.SpectralAxis.Coverage.Location.Value" in a TABLE is mandatory. No match found.
1	Error: A FIELD or PARAM element with utype="ssa:Dataset.DataModel" in a TABLE is mandatory. No match found.
1	Could not find data format element
1	Error: A FIELD or PARAM element with utype="ssa:DataID.Title" in a TABLE is mandatory. No match found.
1	no no Fatal: Content error in the external subset

OVG-SO

Number of Tests 1, 1 SSA

Fraction passing validation 0%, 0% SSA

Count	Text
1	no no Fatal: No Document Type Definition referenced
1	Error: A FIELD or PARAM element with utype="ssa:Curation.Publisher" in a TABLE is mandatory. No match found.
1	Error: A FIELD or PARAM element with utype="ssa:Dataset.DataModel" in a TABLE is mandatory. No match found.
1	Could not find image url

ROE Astrogrid

Number of Tests 241, 179 Cone , 13 SIA, 2 SSA, 45 TAP, 2 Registry

Fraction passing validation 54.3%,73.7% Cone, 0% SIA , 0% SSA, 0% TAP, 0% Registry

Count	Text
200	java.sql.SQLException: Cannot open database "TWOXMM" requested b...
200	java.sql.SQLException: Cannot open database "TWOXMM" requested b...
200	java.sql.SQLException: Cannot open database "TWOXMM" requested b...
114	The RESOURCE element must contain exactly one TABLE.
114	VOTable must contain only one RESOURCE.

SDSS

Number of Tests 33, 24 SIA, 9 Cone

Fraction passing validation 0%, 0% SIA, 0% Cone

Count	Text
66	Apparent communication error produced an exception inside the validator:
66	Apparent communication error produced an exception inside the validator:
3	unknown error

STECF

Number of Tests 4,2 SIA, 2 SSA

Fraction passing validation 0%, 0% SIA, 0% SSA

Count	Text
4	Could not find image url
2	Apparent communication error produced an exception inside the validator:
1	The TABLE must contain exactly one FIELD or PARAM with ucd='POS_EQ_RA_MAIN'.
1	yes no Warning: An INFO element with name="SERVICE_PROTOCOL" should contain the protocol version number in its value attribute and the name of the service protocol as the fixed string SSAP. No match found. Warning: A FIELD or PARAM element with utype="ssa:Access.Size" in a TABLE is recommended. No match found. Error: A FIELD or PARAM element with utype="ssa:Dataset.DataModel" in a TABLE
1	Could not find data format element

STSCI Opo

Number of Tests 1, 1 SIA

Fraction passing validation 0%, 0% SIA

Count	Text
1	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Scale'.
1	There must be exactly one TABLE in the RESOURCE containing the results.
1	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_AccessReference'.
1	The TABLE must contain exactly one FIELD or PARAM with ucd='VOX:Image_Title'.
1	The TABLE must contain exactly one FIELD or PARAM with ucd='POS_EQ_DEC_MAIN'.

STScI Registry

Number of Tests 35, 28 Cone, 4 SIA, 1 SSA, 2 Registry

Fraction passing validation 68.5%, 77% Cone, 25% SIA, 0% SSA, 0% Registry

Count	Text
14	The ID_MAIN column must have a string-appropriate arraysize (recommend '*').
8	OAI response must be a schema-compliant XML document;
8	Some schema validation errors encountered;
7	The POS_EQ_RA_MAIN column must have datatype='double'.
7	The TABLE must contain exactly one FIELD with ucd='POS_EQ_RA_MAIN'.

SVO Cab

Number of Tests 34, 7 Cone, 3 SIA, 24 SSA

Fraction passing validation 5.8%, 28.5% Cone, 0% SIA, 0% SSA

Count	Text
25	Could not find image url
21	Error: A FIELD or PARAM element with utype="ssa:Char.TimeAxis.Coverage.Location.Value" in a TABLE is mandatory. No match found.
20	Could not find data format element
20	Error: A FIELD or PARAM element with utype="ssa:Char.SpectralAxis.Coverage.Bounds.Extent" in a TABLE is mandatory. No match found.
19	Error: A FIELD or PARAM element with utype="ssa:Char.SpatialAxis.Coverage.Bounds.Extent" in a TABLE is mandatory. No match found.

SVO IFCA

Number of Tests 1, 1 SSA

Fraction passing validation 0%, 0% SSA

Count	Text
2	Error: Element FIELD, attribute datatype: 'String' is not a valid value
1	Error: Element FIELD, attribute datatype: [facet 'enumeration'] T
1	Error: Element FIELD, attribute datatype: [facet 'enumeration'] The valu
1	Could not find image url

StarDB

Number of Tests 1, 1 Cone

Fraction passing validation 0%, 0% Cone

Count	Text
4	Apparent communication error produced an exception inside the validator:

Swinburne

Number of Tests 1, 1 TAP

Fraction passing validation 0%, 0% TAP

Count	Text
1	TAP query result parse failed [Premature end of file.]
1	TAP query failed [Non-303 response (401 UNAUTHORIZED)]
1	TAP query result parse failed [Premature end of file.]
1	Bad content type text/html; charset=utf-8 for HTTP response whic...

TBL Narval

Number of Tests 1, 1 SSA

Fraction passing validation 0%, 0% SSA

Count	Text
1	no no Fatal: No Document Type Definition referenced
1	Error: A FIELD or PARAM element with utype="ssa:Curation.Publisher" in a TABLE is mandatory. No match found.
1	Error: A FIELD or PARAM element with utype="ssa:Dataset.DataModel" in a TABLE is mandatory. No match found.
1	Could not find image url

USNO

Number of Tests 3, 3 Cone

Fraction passing validation 0%, 0% Cone

Count	Text
12	Apparent communication error produced an exception inside the validator:

VO Paris

Number of Tests 7, 6 TAP, 1 SSA

Fraction passing validation 85.7%, 100% TAP, 0% SSA

Count	Text
2	Error: Element FIELD, attribute datatype: 'dateTime' is not a valid valu
1	no no Error: Element FIELD, attribute datatype: [facet 'enumeration'] T
1	Error: Element FIELD, attribute datatype: [facet 'enumeration'] The valu
1	Could not find image url

VOPDC

Number of Tests 1, 1 Registry

Fraction passing validation 100%, 100% Registry

No Errors

XCAT

Number of Tests 14, 8 Cone, 2 SIA, 3 SSA, 1 TAP

Fraction passing validation 14.28%, 0% Cone, 100% SIA, 0% SSA, 0% TAP

Count	Text
16	Apparent communication error produced an exception inside the validator:
4	This service url is mal-formed. It is missing either a '?' or '&' at the end
3	Error message must appear in an INFO or PARAM with name='Error' in required location.
3	Could not find image url
2	The TABLE must contain exactly one FIELD with ucd='POS_EQ_DEC_MAIN'.