

# Euro-VO Registry Validators Showcase

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Status: Issued

ESA UNCLASSIFIED - Releasable to the Public

## Euro-VO Registry



HOME

### WELCOME TO THE EURO-VO FULL HARVESTABLE VO RESOURCE REGISTRY

The new Euro-VO Registry offers you the following main functionalities:

- **For astronomers and end users:** Search the VO resources through the Simple Search Panel, the Advanced Search or through the expert ADQL Search Panel.
- **For data publishers:** Host your resources with EuroVO, create and update your own VO Resources via a password-protected interface, check their compliance with the associated IVOA standards.
- **For VO Applications developers and for other IVOA Registries:** Harvest the registry, retrieve individual resources, or search the registry through its programmatic OAI-PMH, RI1 and RegTAP interfaces.



### TOP FEATURES



#### SEARCH

Search through all data.



#### ADQL SEARCH

Search with ADQL query through all data.



#### STANDALONE VALIDATION

This page is used for validating standalone.



#### INFO

Information related to EuroVO Registry Services.



#### CONTACT

For questions, suggestions or problem reports, contact our EuroVO Registry Support.

# Overview



1. Validating the standards:
  - a. Simple Cone Search (SCS) v1.03
  - b. Simple Image Access (SIAP) v1.0 (soon v2.0 on standalone)
  - c. Simple Spectral Access (SSAP) v1.1
  - d. Table Protocol Access (TAP) v1.0 & v1.1 using STILTS TAPLint v3.2
2. Validation Methods
  - a. Standalone
  - b. Search Result Validation
  - c. My Resources Validation

# Standalone Validation 1/3



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## Euro-VO Registry

1. Select protocol

2. Insert access URL

3. Add Job

STANDALONE VALIDATION

Service Type: cs:ConeSearch v1.03 Access URL:

Add Job

Service Type	Standard Version	Compliance	Access URL	Validated on	Duration in ms	Validate Now	Remove Job
Validation							
Val Code	Val Type	Val Result	Description				
			Validation URL				
			Details				

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# Standalone Validation 2/3



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## Euro-VO Registry

STANDALONE VALIDATION

Service Type:  Access URL:

Service Access URLs

Service Type	Standard Version	Compliance	Access URL	Validated on	Duration in ms	Validate Now	Remove Job
SCS	1.03		<a href="http://hst.esac.esa...CCOL=match_dec">http://hst.esac.esa...CCOL=match_dec</a>		0	<input type="button" value="Run"/>	<input type="button" value="Remove"/>

Validation

Val Code	Val Type	Val Result	Description
			Validation URL
			Details

**Job added** (points to the Access URL field)

**Run** (points to the Run button)

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# Standalone Validation 3/3



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## Euro-VO Registry

STANDALONE VALIDATION

Service Type:  Access URL:

**Service Access URLs**

Service Type	Standard Version	Compliance	Access URL	Validated on	Duration in ms	Validate Now	Remove Job
SCS	1.03	<b>Compliant (A++)</b>	<a href="http://hst.esac.esa...CCOL=match_dec">http://hst.esac.esa...CCOL=match_dec</a>	10:33:04 24/05/2021	1580	<input type="button" value="Run"/>	<input type="button" value="Remove"/>

**Validation**

Val Type	Val Result	Description
REQUIREMENT	Pass	The service must respond with an XML document in the VOTable format [for the zero URL]
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	http://hst.esac.esa.int/tap-server/conesearch?TABLE=hsc.hubble_sc&IDCOL=match_id&RACOL=match_ra&DECCOL=match_dec&&RA=0&DEC=0&SR=0.000
REQUIREMENT	Pass	
REQUIREMENT	Pass	
REQUIREMENT	Pass	
WARNING	Pass	Details
WARNING	Pass	
REQUIREMENT	Pass	Details
REQUIREMENT	Pass	
WARNING	Pass	Details
WARNING	Pass	

**Test Results**

**Compliance Category**

**Test Details**

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# BACKUP SLIDES

# Search Result Validation 1/3



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## Euro-VO Registry

SEARCH

**SIMPLE SEARCH**

All Terms

Managed Authority  Select

**ADVANCED SEARCH**

Search for the resource

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# Search Result Validation 2/3



## Euro-VO Registry



RESULTS #1

Search Results (23839)



	Short Name	Publisher	Title	Capabilities	Compliance	IVOID	Resource Type
Q	10pc SCS	The GAVO DC team	The 10 parsec sample in the Gaia era	cs:conesearch, undefined, undefined, undefined	Partially Compliant(C--), not applicable, not applicable, not applicable	ivo://org.gavo.dc/10pcsampl vs:catalogservice	A catalogue confirmed e (more)
Q	1420MHz	NASA/GSFC HEASARC	Bonn 1420 MHz Survey	sia:simpleimageact	Compliant(B)	ivo://nasa.heasarc/skyview/: vs:catalogservice	This survey distributed e (more)
Q	1BIGB cone	BSDC	1BIGB catalog	cs:conesearch, undefined, undefined	Partially Compliant(C--), not applicable, not applicable, not applicable	ivo://bsdc.icranet.org/onebig vs:catalogservice	This catalog population c (more)
Q	22MHz	NASA/GSFC HEASARC	DRAO 22 MHz Survey	sia:simpleimageact	Compliant(B)	ivo://nasa.heasarc/skyview/: vs:catalogservice	Roger et al. declinations (more)
Q	2MASS	WFAU, Institute for Astronomy, University of Edinburgh	Two Micron All Sky Survey (2MASS)	undefined, undefined, undefined, undefined, cs:conesearch, undefined, cs:conesearch	not applicable, not applicable, not applicable, not applicable, not applicable, Compliant(A+), not applicable, Compliant(A+)	ivo://wfau.roe.ac.uk/twomas dsa vs:catalogservice	The Two Mic entire sky a (more)
Q	2MAS		Two Micron All Sky Survey (H-Band)	sia:simpleimageact	Compliant(B)	ivo://nasa.heasarc/skyview/: vs:catalogservice	2MASS data near-infrare (more)
Q	2MASS 6XMP SIT	NASA/IPAC Infrared Science Archive	2MASS 6X Merged Point Source Information Table	undefined, cs:conesearch	not applicable, Partially Compliant(C--)	ivo://irsa.ipac/2mass/catalog vs:catalogservice	During the f targeted "lo (more)
Q	2MASS 6XMX SIT	NASA/IPAC Infrared Science Archive	2MASS 6X Merged Extended Source Information Table	cs:conesearch, undefined	Partially Compliant(C--), not applicable	ivo://irsa.ipac/2mass/catalog vs:catalogservice	During the f targeted "lo (more)
Q	2MASS 6XP SWDB	NASA/IPAC Infrared Science Archive	2MASS 6X Point Source Working Database Table	cs:conesearch, undefined	Partially Compliant(C--), not applicable	ivo://irsa.ipac/2mass/catalog vs:catalogservice	During the f targeted "lo (more)
Q	2MASS			cs:conesearch	Partially Compliant(C--)		During the f

Click on resource details

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Displaying 1-100 of 23839



# Search Result Validation 3/3



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## Euro-VO Registry

RESULTS #1 x

22MHZ

Summary XML Validation

Service Access URLs

Service Type	Standard Version	Compliance	Access URL	Validated on	Duration in ms	Validate Now
SIA	1.0	<b>Compliant (B)</b>	<a href="https://skyview.gsfc...!/?survey=22mhz">https://skyview.gsfc...!/?survey=22mhz</a>	11:55:29 17/05/2021	34043	Live-Access

Validation

Val Code	Val Type	Val Result	Description
.on	REQUIREMENT	Pass	
.zero.xml	REQUIREMENT	Pass	
.zero.xsd	extra	Failed	Validation URL
.zero.mime-legal	REQUIREMENT	Pass	
.metd.xml	REQUIREMENT	Pass	Details
.metd.xsd	extra	Failed	
.metd.mime-legal	REQUIREMENT	Pass	
.effc.xml	REQUIREMENT	Pass	
.effc.xsd	extra	Failed	
.effc.mime-legal	REQUIREMENT	Pass	
4.2.1a	REQUIREMENT	Pass	
4.2.1b	recommendation	Pass	
4.2.2a	WARNING	Pass	
4.2.2a-gl	recommendation	Pass	
4.2.2b	recommendation	Pass	
4.2.4.a.i	REQUIREMENT	Pass	
4.2.4.a.ii	WARNING	Failed	
4.2.4.a.iii	WARNING	Failed	

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Click to validate again

Validation Results



# My Resource Validation



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## Euro-VO Registry

MY RESOURCE TAP

Click on resource details

Login required

Click to validate again

Validation Results

Service Type	Standard Version	Compliance	Access URL	Validated on	Expiration in ms	Validate Now
TAP	1.0	Partially Compliant (C-)	http://registry.euro-vo.org/regtap/tap	01:30:25 18/05/2021	11030	Live-Access

  

Val Code	Val Type	Val Result	Description
E_DEMO	REQUIREMENT	Pass	Details
E_A2XI	REQUIREMENT	Pass	
E_ADQX	REQUIREMENT	Pass	
E_DENO	REQUIREMENT	Pass	
E_DEOP	REQUIREMENT	Pass	
E_DFIO	REQUIREMENT	Pass	
E_DFSF	REQUIREMENT	Pass	
E_DNST	REQUIREMENT	Pass	
E_DQUS	REQUIREMENT	Pass	
E_ELDF	REQUIREMENT	Pass	
E_EST1	REQUIREMENT	Pass	
E_EURL	REQUIREMENT	Pass	
E_FLIO	REQUIREMENT	Pass	
E_FLSX	REQUIREMENT	Pass	
E_FKIO	REQUIREMENT	Pass	
E_FKLK	REQUIREMENT	Pass	
E_FKNT	REQUIREMENT	Pass	
E_GEOX	REQUIREMENT	Pass	

