



Reunión Grupo de Trabajo de la IDEE

Validación INSPIRE

Alejandra Sánchez Maganto (CNIG)

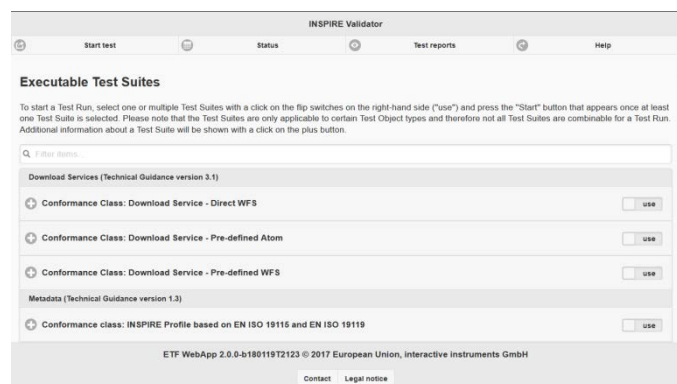
INSPIRE Geoportal Metadata Validator



The screenshot shows the INSPIRE Geoportal Metadata Validator web interface. At the top, there is a header with the European Commission logo and the text "INSPIRE GEOPORTAL Enhancing access to European spatial data". Below this, there is a navigation bar with links: "EUROPEAN COMMISSION > INSPIRE > INSPIRE GEOPORTAL > Validator". The main content area has a title "INSPIRE Geoportal Metadata Validator" and a subtitle "what's new change feed documentation about". A paragraph states: "This validator replaces the former [schema validator](#) and implements the same validation criteria applied during the INSPIRE Geoportal discovery process." Below this, it says: "It is possible to use this validator as a Web Service (instructions available [here](#)).". There is a text input field with the placeholder "Paste your resource in the text field below" and a note: "ISO 19139 Metadata or OGC Service Endpoint or CSW GetRecords or GetRecordsBySET Request or URL to metadata". Below the input field, there is a button "Test Resource" and a checkbox "Probe network Services". A disclaimer at the bottom states: "DISCLAIMER: This service is used in the context of the INSPIRE Geoportal to perform validation of the metadata of resources discovered through the Member State Discovery Services. It is provided as is and it is not to be considered a full INSPIRE compliance test. While we have tried to ensure compliance with the INSPIRE Regulations and the relevant Technical Guidance documents we do recognise that there may still be issues that will need to be addressed. We would appreciate if you could [report to us](#) any issue you find with this validator so that we can improve it."

- Metadata encoded in EN ISO 19139
- Discovery Services: OGC CSW 2.0.2 AP ISO 1.0.1 with INSPIRE Extensions
- View Services: ISO 19128 (OGC WMS 1.3.0), OGC WMS 1.1.1, OGC WMTS 1.0.0 with INSPIRE Extensions
- Download Services: ATOM, ISO 19142 (OGC WFS 2.0.0) with INSPIRE Extensions

INSPIRE ETF validator



The screenshot shows the INSPIRE Validator web interface. At the top, there is a header with the text "INSPIRE Validator" and a navigation bar with links: "Start test", "Status", "Test reports", and "Help". Below this, there is a section titled "Executable Test Suites". A paragraph states: "To start a Test Run, select one or multiple Test Suites with a click on the flip switches on the right-hand side ('use') and press the 'Start' button that appears once at least one Test Suite is selected. Please note that the Test Suites are only applicable to certain Test Object types and therefore not all Test Suites are combinable for a Test Run. Additional information about a Test Suite will be shown with a click on the plus button." Below this, there is a search bar "Filter items" and a list of test suites. The list includes: "Download Services (Technical Guidance version 3.1)" with a plus button, "Conformance Class: Download Service - Direct WFS" with a flip switch "use", "Conformance Class: Download Service - Pre-defined Atom" with a flip switch "use", "Conformance Class: Download Service - Pre-defined WFS" with a flip switch "use", "Metadata (Technical Guidance version 1.3)" with a plus button, and "Conformance class: INSPIRE Profile based on EN ISO 19115 and EN ISO 19119" with a flip switch "use". At the bottom, there is a footer with the text "ETF WebApp 2.0.0-b180119T2123 © 2017 European Union, Interactive Instruments GmbH" and links "Contact" and "Legal notice".

WFS /ATOM (Technical Guidance version 3.1) Metadatos (Technical Guidance version 1.3)

Datos:

- Addresses (Data Specification version 3.1)
- Administrative Units (Data Specification version 3.1)
- Cadastral Parcels (Data Specification version 3.1)
- Geographical Names (Data Specification version 3.1)
- Hydrography (Data Specification version 3.1)
- Protected Sites (Data Specification version 3.2)
- Transport Networks (Data Specification version 3.2)

INSPIRE Geoportal Metadata Validator

Contact | Search | Legal notice



INSPIRE GEOPORTAL
Enhancing access to European spatial data

EUROPEAN COMMISSION > INSPIRE > INSPIRE GEOPORTAL > Validator
INSPIRE Geoportal Metadata Validator [what's new](#) [change feed](#) [documentation](#) [about](#)

This validator replaces the former [schema validation](#) and implements the same validation criteria applied during the INSPIRE Geoportal discovery process.

It is possible to use this validator as a Web Service (instructions available [here](#)).

Paste your resource in the text field below
(ISO 19139 Metadata or OGC Service Endpoint or CSW GetRecords or GetRecordById GET Request or URL to metadata)

You can also upload a file to test
Select the file to be tested: No se ha seleccionado ningún archivo.

For security reasons, HTTP resources using ports other than 80, 443 and 8080 cannot be contacted.
☒ Probe Network Services

DISCLAIMER: This service is used in the context of the INSPIRE Geoportal to perform validation of the metadata of resources discovered through the Member State Discovery Services. It is provided as is and it is not to be considered a full INSPIRE compliance test. While we have tried to ensure compliance with the INSPIRE Regulations and the relevant Technical Guidance documents we do recognise that there may still be issues that will need to be addressed. We would appreciate if you could [report to us](#) any issue you find with this validator so that we can improve it.



Grado de conformidad

- Reglamento de metadatos
- Reglamento de servicios en red
- Guías Técnicas



Grado de interoperabilidad de un dataset

- Reglamento de Interoperabilidad de datos y servicios
- Especificaciones de datos

Un conjunto de datos es interoperable si:

- Dispone de un fichero de metadatos completo
- Al menos se ofrece como capa en un servicio de visualización y se dispone de fichero de metadatos de esa capa
- Además, debe ser posible previsualizar con una imagen la capa (GetMap)
- Al menos ese dataset se encuentra disponible a través de un servicio de descarga (WFS/ATOM) y se dispone de fichero de metadatos
- Al menos ese dataset tiene un objeto espacial codificado según esquema GML Inspire

INSPIRE Geoportal Metadata Validator

- ▶ No todos los aspectos los puede verificar la herramienta de validación.
- ▶ Existen aspectos que para poder verificarlos es necesario que los metadatos estén recolectados a través del harvesting europeo

Verified	Missing	Unverified (reason)
• RESOURCE_METADATA_IS_COMPLETE		• DOWNLOAD_MATCHING_DATA_IS_AVAILABLE (ONLY_DURING_PULL_OPERATION) • ALL_LAYERS_MATCHING_DATA_HAVE_COMPLETE_METADATA (ONLY_DURING_PULL_OPERATION) • LAYER_MATCHING_DATA_IS_AVAILABLE (ONLY_DURING_PULL_OPERATION) • ALL_DOWNLOADS_MATCHING_DATA_HAVE_COMPLETE_METADATA (ONLY_DURING_PULL_OPERATION) • RESOURCE_PREVIEW_IMAGE_IS_AVAILABLE (ONLY_DURING_PULL_OPERATION) • INSPIRE_SPATIAL_OBJECT_IS_AVAILABLE (ONLY_DURING_PULL_OPERATION)

http://inspire-geoportal.ec.europa.eu/documentation/ea/ea_html/index.htm?goto=1:1:3:1006

+ Common tests	11
+ Hierarchy level	1
o Dataset (series) tests	7
+ Service tests	3
+ Keywords	1
+ Keywords - details	4
+ Temporal extent	1
+ Temporal extent - details	1

ation

+ Conformance class: XML encoding of ISO 19115/19119 metadata	1
md-iop.a.1: Coordinate Reference System	
o md-iop.a.2: Temporal Reference System	
md-iop.a.3: Encoding	
o md-iop.a.4: Topological Consistency	
md-iop.a.5: Character Encoding	
md-iop.a.6: Spatial Representation Type	

» Action 2017.4 on validation and conformity testing

► Coordinador:

- Michael Lutz

► Funciones:

- Desarrollo del “INSPIRE ETF validator”
 - Analizar los ATS y la funcionalidad posterior de los ETS
- Coordinar la financiación del mantenimiento y nuevos desarrollos
 - Contrato con consorcio español (Guadaltel, Geograma,.)
- Promover y difundir el uso del validador en la MS,
- Asesorar a los Estados miembros sobre diferentes escenarios para la sostenibilidad a largo plazo de esta herramienta

► WIKI:

- <https://ies-svn.jrc.ec.europa.eu/projects/2017-4/wiki>



INSPIRE Validation & conformity testing

Workspace for EU INSPIRE MIG Validation & conformity testing sub-group

<https://ies-svn.jrc.ec.europa.eu/projects/validation-and-conformity-testing>

Repositories 23

People 5

Projects 0

Search repositories...

Type: All

Language: All

metadata

Abstract Test Suite for the Technical Guidelines for INSPIRE Metadata based on EN ISO 19115 and EN ISO 19119

★ 1 🍴 7 📄 CC0-1.0 1 issue needs help Updated 4 days ago

ets-repository

Repository for Executable Test Suites of the INSPIRE validator (under development)

● XQuery ★ 4 🍴 6 Updated 5 days ago

data

Abstract Test Suite for the INSPIRE Data Specifications Template

📄 CC0-1.0 Updated 7 days ago

Top languages

● XQuery

People

5 >



<https://github.com/inspire-eu-validation/>

<> Code

🔔 Issues 9

🔗 Pull requests 0

📁 Projects 0

📊 Insights

🔍 is:issue is:open

Labels

Milestones

New issue

🔔 9 Open ✓ 116 Closed

Author ▾

Labels ▾

Projects ▾

Milestones ▾

Assignee ▾

Sort ▾


Modifications in ATS - Dataset linkage in metadata

helpdesk

status:agreed



#135 opened an hour ago by inakidiazdecerio


Modifications in ETS - Date and date type should be checked if the thesaurus is "GEMET - INSPIRE themes, version 1.0"

helpdesk

progress: waiting for feedback



3

#133 opened 19 days ago by inakidiazdecerio


Modifications in ATS - Date and date type should be checked if the thesaurus is "GEMET - INSPIRE themes, version 1.0"

helpdesk

progress: waiting for feedback



3

#132 opened 19 days ago by inakidiazdecerio


Is it a good idea to start a new 2.0.1 branch in this repo?

#126 opened on 15 Sep 2017 by pvgenuchten


A.04.IR223.TGR1.hierarchy should the test validate the (location of the) codelist?

feedback:question

1

#11 opened on 10 Feb 2015 by pvgenuchten


A.01.validate.md

help wanted

12

#10 opened on 6 Feb 2015 by aquaglia


A.16.IR251.TGR20.ds.bounds.md

#8 opened on 3 Feb 2015 by aquaglia


Metadata date: dateStamp can hold gco:Date OR gco:DateTime

#7 opened on 3 Feb 2015 by aquaglia


A.27.IR2113.TGR39.date.md - Bilbliographic code

#5 opened on 3 Feb 2015 by aquaglia

1



inspire-eu-validation / download-service

Watch 29 Star 1 Fork 4

Code Issues 2 Pull requests 1 Projects 0 Insights

is:issue is:open

Labels

Milestones

New issue

2 Open ✓ 79 Closed

Author Labels Projects Milestones Assignee Sort

Issue with description of inspire_dls:SpatialDataSetIdentifier in TG (test Service Metadata)
for-2017.4-discussion



11

#81 opened on 7 Feb by heidivanparys

Incorrect XPaths in ATCs: download links without length attributes are not respected

#78 opened on 27 Oct 2017 by jonherrmann

ProTip! Type `g` `i` on any issue or pull request to go back to the issue listing page.



► Harvesting CSW ESPAÑA

INSPIRE Member State Discovery Service Registry

Search Contact Legal notice

European Commission
Joint Research Centre
Institute for Environment and Sustainability

INSPIRE registry

Europa > European Commission > INSPIRERegistry

lunes 23 de abril de 2018

Logged in as: Alejandra SANCHEZ
Log Out

[All Submissions](#)
[My Submissions](#)
[New Submission](#)

 What's this?

 What's this?



 **INSPIRE Full Operating Capability Testing**

 **(ES) - Member State Discovery Service Summary Report**

[See the INSPIRE Metadata of the Discovery Service](#)

Bookmarks inside this document

- [Summary of ISO Metadata Resources](#)
- [Coverage of INSPIRE Spatial Data Themes](#)

Reglamento de metadatos: 99,81%
Reglamento de interoperabilidad: 40,23%

[INSPIRE Geoportal Resource Browser \(Opens in a new browser window\)](#)

Result of the interaction with the Discovery Service
Resources available for discovery: 420, Expected Resource Count: 420, Actual Resource Count : 420





Traducir esta página

Inglés



Microsoft® Translator



What's this?



What's this?



1180422-040415



(ES) - Sistema de Información de Ocupación del Suelo en España (SIOSE) del año 2011

Spatial data set

Metadata Language	Resource Language	Metadata Date
Spanish	Spanish	2016-10-03

Conditions Applying To Access And Use

<http://www.ign.es/resources/licencia>

Información
sobre las húmedas
c...more

INSPIRE Resources Linkage Aspects (Documentation)

Verified	Missing
• DOWNLOAD_MATCHING_DATA_IS_AVAILABLE • LAYER_MATCHING_DATA_IS_AVAILABLE • ALL_DOWNLOADS_MATCHING_DATA_HAVE_COMPLETE_METADATA • RESOURCE_PREVIEW_IMAGE_IS_AVAILABLE • RESOURCE_METADATA_IS_COMPLETE	• ALL_LAYERS_MATCHING_DATA_HAVE_COMPLETE_METADATA • INSPIRE_SPATIAL_OBJECT_IS_AVAILABLE

Sistema de Información de Ocupación del Suelo en España (SIOSE) del año 2011



Land use (Uso del suelo)
Land use (Land use)
Land cover (Cubierta terrestre)
Land cover (Land cover)

Topic Category

Imagery / BaseMaps / EarthCover

Sistema de Información de Ocupación del Suelo en España

Sistema de Información de Ocupación del Suelo en España
Sistema de Información de Ocupación del Suelo en España



¿Qué validador está actuando?

European Commission
Joint Research Centre
Institute for Environment and Sustainability

INSPIRE registry

INSPIRE Full Operating Capability Testing Report

(ES) - Member State Discovery Service Summary Report

See the INSPIRE Metadata of the Discovery Service

Bookmarks inside this document:

- Summary of ISO Metadata Resources
- Coverage of INSPIRE Spatial Data Themes
- Summary of Spatial Data Services
- Summary of View Services
- Summary of Discovery Services
- Summary of Download Services

INSPIRE Geportal Resource Browser (Opens in a new browser window)

Result of the interaction with the Discovery Service
Resources available for discovery: 420, Expected Resource Count: 420, Actual Resource Count: 420

Harvesting MD de España



INSPIRE GEOPORTAL
Enhancing access to European spatial data

INSPIRE GEOportal Metadata Validator

This validator replaces the former schema validator and implements the same validation criteria applied during the INSPIRE Geportal discovery process.

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Paste your resource in the text field below
(ISO 11139 Metadata or GSC Service Endpoint or CSW GetRecords or GetRecordsBySET Request or URL to metadata)

You can also upload a file to test:
Select the file to be tested: or to be selected from your system.

Test Resource: ☐ For security reasons, HTTP resources using ports other than 80, 443 and 3000 cannot be contacted.
☒ Probe Network Services

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INSPIRE GEOPORTAL
Enhancing access to European spatial data

EUROPEAN COMMISSION > INSPIRE > INSPIRE GEOPORTAL > Discovery / Viewer

Find a place in:

Search: Enter your query in any language of

Active Layers: 0

Active Search Criteria: Bounding Box Restrictions: None applied.

Active Search Filters: None applied.

Refine search by:

- Origin
- Metadata Language
- Spatial Data Theme
- Topic Category
- Service Type

INSPIRE GEOPORTAL
Enhancing access to European spatial data

EUROPEAN COMMISSION > INSPIRE > INSPIRE GEOPORTAL > Resource Browser

Resource Browser: INSPIRE Full Operating Capability

Filter: Full resources: ☒ Chunks: ☐ Ownership: ☐ Errors: ☐ No issue: ☐ Only metadata resources: ☐ Only metadata resources: ☐

Search:

Add selection Criteria

MD: NS: ES: Country: Non-normative

Elements relevant to the INSPIRE Metadata Regulation

Resource Type

Declared Conformity

Spatial Data Themes

Keyword

Current selection criteria (after applying the filter)

1080 Metadata Records

77 Downloadable Datasets

INSPIRE GEOPORTAL Thematic Viewer

Home | Priority Datasets | INSPIRE Data Themes | Applied methodology | Harvesting Status

Only National Coverage

Datasets - Administrative units of Europe

INSPIRE Geportal Dataset Statistics

1080 Metadata Records

77 Downloadable Datasets

INSPIRE Monitoring & Reporting 2016 (status 2016)

855 Metadata records

Download Report

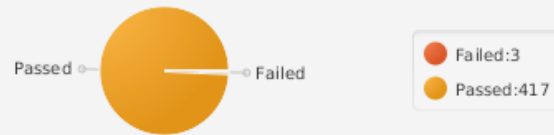
Select a COUNTRY

Country	Metadata Records	Downloadable Datasets
Austria	21:11:1.1	21:11:1.1
Belgium	21:11:1.1	21:11:1.1
Bulgaria	21:11:1.1	21:11:1.1
Croatia	21:11:1.1	21:11:1.1
Cyprus	21:11:1.1	21:11:1.1
Czechia	21:11:1.1	21:11:1.1
Denmark	21:11:1.1	21:11:1.1
Estonia	21:11:1.1	21:11:1.1
Finland	21:11:1.1	21:11:1.1
France	21:11:1.1	21:11:1.1
Germany	21:11:1.1	21:11:1.1
Greece	21:11:1.1	21:11:1.1
Hungary	21:11:1.1	21:11:1.1
Ireland	21:11:1.1	21:11:1.1
Italy	21:11:1.1	21:11:1.1
Lithuania	21:11:1.1	21:11:1.1
Latvia	21:11:1.1	21:11:1.1
Malta	21:11:1.1	21:11:1.1
Netherlands	21:11:1.1	21:11:1.1
Poland	21:11:1.1	21:11:1.1
Portugal	21:11:1.1	21:11:1.1
Romania	21:11:1.1	21:11:1.1
Slovakia	21:11:1.1	21:11:1.1
Slovenia	21:11:1.1	21:11:1.1
Spain	21:11:1.1	21:11:1.1
Sweden	21:11:1.1	21:11:1.1
Switzerland	21:11:1.1	21:11:1.1
Turkey	21:11:1.1	21:11:1.1
United Kingdom	21:11:1.1	21:11:1.1
Ukraine	21:11:1.1	21:11:1.1
Yugoslavia	21:11:1.1	21:11:1.1

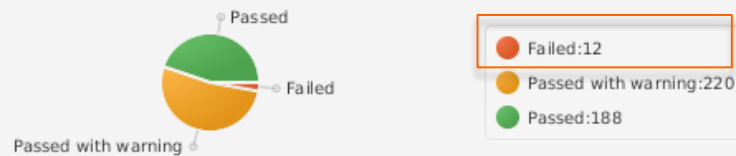


Resumen informe Harvesting

XML Schema Validation (ISO Metadata)

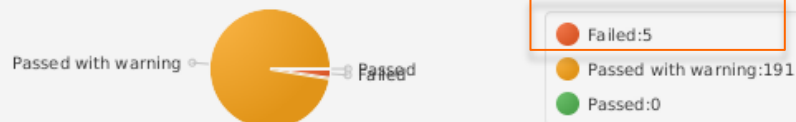


INSPIRE Metadata Validation



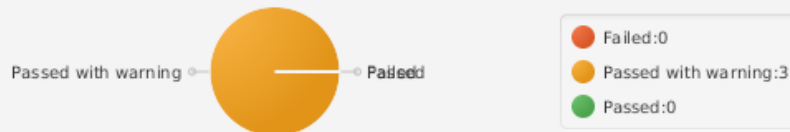
Spatial Data Set

INSPIRE Metadata Validation



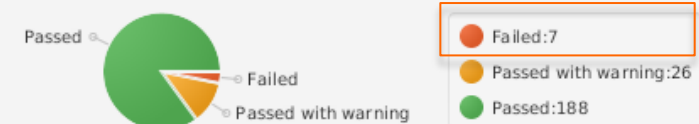
Spatial Data Set Series

INSPIRE Metadata Validation

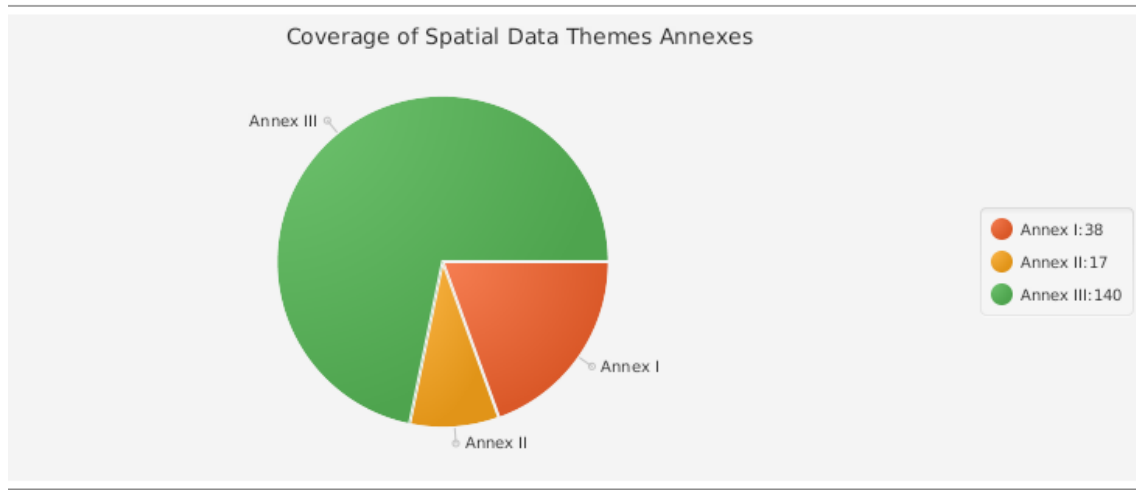


Spatial Data Service

INSPIRE Metadata Validation



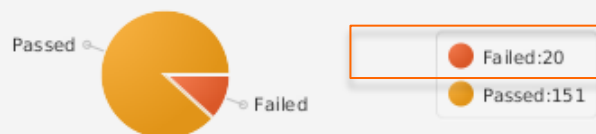
Coverage Of INSPIRE Spatial Data Themes



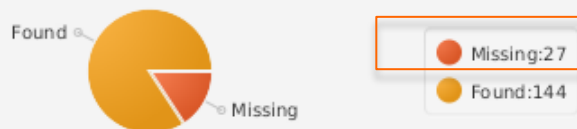
View Service Implementation Spec.



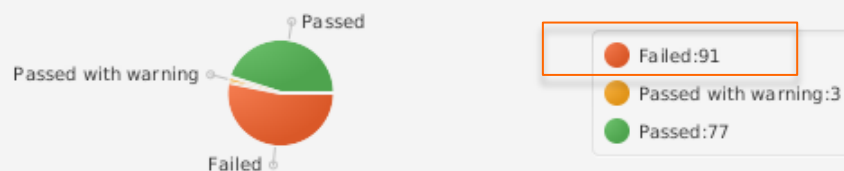
XML Schema Validation (OGC Capabilities)

Resumen informe Harvesting

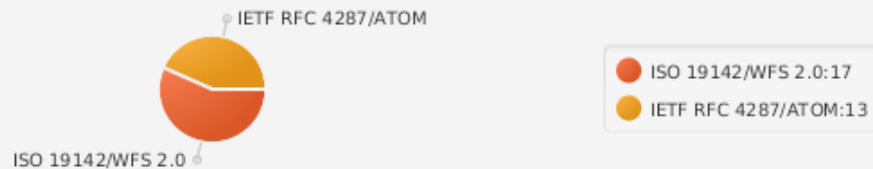
INSPIRE Extended Capabilities



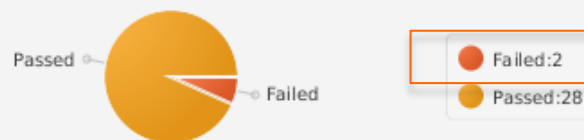
INSPIRE Validation



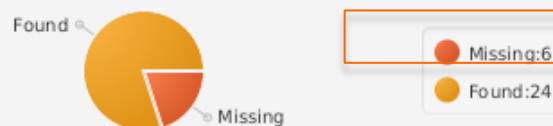
Download Service Implementation Spec.



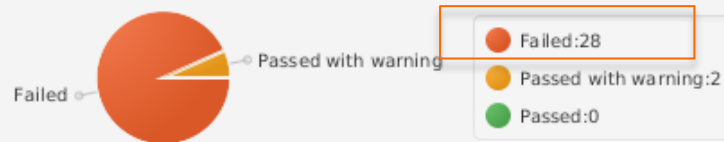
XML Schema Validation



INSPIRE Ext Caps / OpenSearch

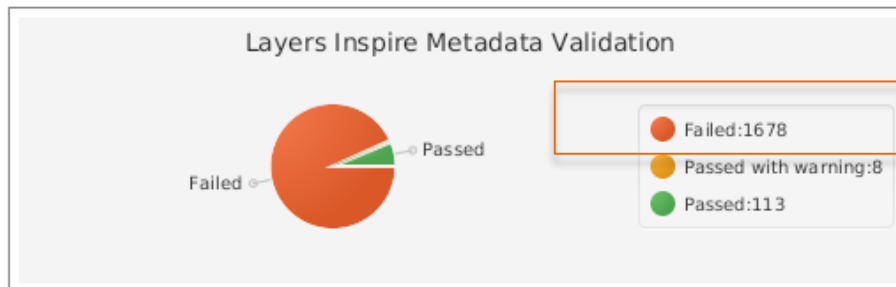


INSPIRE Validation



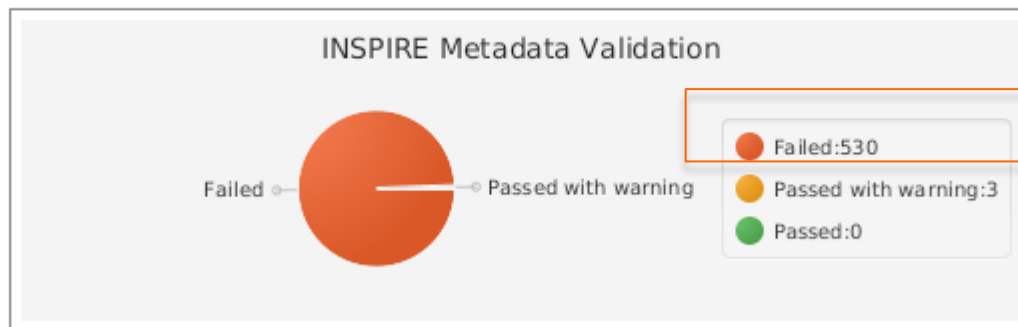
WMS

Named Layers Found: 1799



WFS/ ATOM

Download Service Datasets Found: 533



Trabajos que se están desarrollando

- ▶ Informar de problemas y errores en los ficheros de metadatos de datos y servicios a los nodos IDE detectados
- ▶ Hay errores que afectan a la configuración de Capabilities de servicios:
 - Visualización (WMS/WMTS)
 - Descarga (WFS/ATOM)
- ▶ Por último también estamos detectando errores de descargar GML conformes a documentos técnicos de WFS/ATOM
- ▶ Vamos a incluir documentación en portal IDEE sobre problemas de validación y cómo solucionarlos





Reunión Grupo de Trabajo de la IDEE

Gracias por vuestra atención

Centro Nacional de Información Geográfica
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Madrid

