

Validator UI - Selection flow table

Created by FRANCIOLI Daniele, last modified by HERNANDEZ Lorena on Apr 01, 2020

The new UI of the INSPIRE reference validator will include a simplified interface. There will not be an advanced interface, but just some extra menus allowing users to select/unselect conformance classes once the rest of the configuration has been done. The interface should be built following as much as possible the EC branding ([ECL v2](#))

- [Decision tree table](#)
 - [Notes regarding the datasets:](#)
- [Eu survey demonstrator](#)

Decision tree table

The simplified interface will have an easy to use structure to present the main testing options as summarized below. From left to right:

- the first 3 columns represent the option(s) the user will be able to select
- the 4th column includes the corresponding *API TestSuite ID* to be used in the relevant API call to make the default test
- the 5th and the 6th columns include the *advanced options* (conformance classes involved for the selected test) and the relevant API TestSuite ID
- the 7th column includes notes for guidance

First-level choice	Second-level choice	Third-level choice	API - TestSuite ID (default validation)	Advanced options (bold=preselected; italic=not deselectable; underline = not selectable, it depends on others)	API - TestSuite ID (advanced validation)	Notes
Metadata	Version 1.3	-	EID9a31ecfc-6673-43c0-9a31-b4595fb53a98	1. Conformance Class 'INSPIRE Profile based on EN ISO 19115 and EN ISO 19119' 2. Conformance class 'Metadata for interoperability'	1. EIDec7323d5-d8f0-4cfe-b23a-b826df86d58c 2. EID9a31ecfc-6673-43c0-9a31-b4595fb53a98	2 depends on 1, so if 2 is selected 1 cannot be deselected. 2 is the same as default.
	Version 2.0	Data sets and data set series	EID2be1480a-fe42-40b2-9420-eb0e69385c80	1. Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records 2. Conformance Class 1: 'Baseline metadata for data sets and data set series 3. Conformance Class 2: 'INSPIRE data sets and data set series interoperability metadata'	1. EID59692c11-df86-49ad-be7f-94a1e1ddd8da 2. EIDe4a95862-9cc9-436b-9fdd-a0115d342350 3. EID2be1480a-fe42-40b2-9420-eb0e69385c80	3 depends on 2 and 1, so if 3 is selected 2 and 1 cannot be deselected. 2 depends on 1, so if 2 is selected 1 cannot be deselected. 3 is the same as default.
		Network Services	EID606587df-65a8-4b7b-9eee-e0d94daaa42a	1. Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records 2. Conformance Class 3: 'INSPIRE Spatial Data Service baseline metadata' 3. Conformance Class 4: 'INSPIRE Network Services	1. EID59692c11-df86-49ad-be7f-94a1e1ddd8da 2. EID8f869e23-c9e9-4e86-8dca-be30ff421229 3. EID606587df-65a8-4b7b-9eee-e0d94daaa42a	3 depends on 2 and 1, so if 3 is selected 2 and 1 cannot be deselected. 2 depends on 1, so if 2 is selected 1 cannot be deselected. 3 is the same as default.

		INSPIRE Metadata				
		Service	Identifier	Conformance Class	Identifier	Notes
		Spatial Data Services	EID8db54d8a-8578-4959-b891-5394d9f53a28	<div>1. <i>Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records</i></div> <div>2. Conformance Class 3: 'INSPIRE Spatial Data Service baseline metadata.'</div> <div>3. Conformance Class 5: 'INSPIRE Invocable Spatial Data Services metadata'</div> <div>4. Conformance Class 6: 'INSPIRE Interoperable Spatial Data Services metadata'</div> <div>5. Conformance Class 7: 'INSPIRE Harmonised Spatial Data Services metadata'</div>	<div>1. EID59692c11-df86-49ad-be7f-94a1e1ddd8da</div> <div>2. EID8f869e23-c9e9-4e86-8dca-be30ff421229</div> <div>3. EID8db54d8a-8578-4959-b891-5394d9f53a28</div> <div>4. EID7514777a-6cb8-499c-acd5-912496dc84e9</div> <div>5. EIDa593a7ad-42d9-46d0-985d-9dff3e684428</div>	<div>5 depends on 4, 4 depends on 3, 3 depends on 2, and 2 depends on 1, so if one of these is selected, its dependencies cannot be deselected.</div> <div>1 can be never deselected.</div> <div>3 is the same as default.</div>
View Service	Web Map Service (WMS)	-	EIDeec9d674-d94b-4d8d-b744-1309c6cae1d2	<i>Conformance Class 'View Service WMS'</i>	EIDeec9d674-d94b-4d8d-b744-1309c6cae1d2	This unique Conformance Class cannot be deselected.
	Web Map Tile Service (WMTS)	-	EID550ceacf-b3cb-47a0-b2dd-d3edb18344a9	<i>Conformance Class 'View Service WMTS'</i>	EID550ceacf-b3cb-47a0-b2dd-d3edb18344a9	This unique Conformance Class cannot be deselected.
Download Service	Web Feature Service (WFS)	Direct WFS	EIDed2d3501-d700-4ff9-b9bf-070dece8ddbd	<i>Conformance Class 'Direct WFS'</i>	EIDed2d3501-d700-4ff9-b9bf-070dece8ddbd	This unique Conformance Class cannot be deselected.
		Pre-defined WFS	EID174edf55-699b-446c-968c-1892a4d8d5bd	<i>Conformance Class 'Pre-defined WFS'</i>	EID174edf55-699b-446c-968c-1892a4d8d5bd	This unique Conformance Class cannot be deselected.
	Pre-defined Atom	-	EID11571c92-3940-4f42-a6cd-5e2b1c6f4d93	<i>Conformance Class 'Pre-defined Atom'</i>	EID11571c92-3940-4f42-a6cd-5e2b1c6f4d93	This unique Conformance Class cannot be deselected.
	Web Coverage Service (WCS)	-	EID074570ad-d720-47b3-af79-d54201793404	<i>Conformance Class 'Download Service WCS Core'</i>	EID074570ad-d720-47b3-af79-d54201793404	This unique Conformance Class cannot be deselected.
	Sensor Observation Service (SOS)	-	EID0ff73873-5601-41ff-8d92-3fb1fbbba3cf2	<i>Conformance Class 'Download Service Pre-defined SOS'</i>	EID0ff73873-5601-41ff-8d92-3fb1fbbba3cf2	This unique Conformance Class cannot be deselected.
Discovery Service	Catalogue Service for the Web (CSW) <div>[See comment]</div>	-	EIDc837298f-a10e-42d1-88f2-f1415cbbb463	<i>Conformance Class 'Discovery Service CSW'</i>	EIDc837298f-a10e-42d1-88f2-f1415cbbb463	This unique Conformance Class cannot be deselected.
Data set (DRAFT)	Common conformance classes	-	EID61070ae8-13cb-4303-a340-72c8b877b00a,EID09820daf-	<div>1. <i>Conformance Class 'INSPIRE GML encoding'</i></div>	<div>1. EID545f9e49-009b-4114-9333-</div>	2, 3, 4 and 5 are independent

	(Validation option if no theme has been selected or for themes for which specific conformance classes do not yet exist)		62b2-4fa3-a95f-56a0d2b7c4d8,EID499937ea-0590-42d2-bd7a-1cafff35ecdb,EID63f586f0-080c-493b-8ca2-9919427440cc	2. Conformance Class 'Data consistency' 3. Conformance Class 'INSPIRE GML application schemas' 4. Conformance Class 'Information accessibility' 5. Conformance Class 'Reference systems'	2. 7ca26413b5d4-EID61070ae8-13cb-4303-a340-72c8b877b00a 3. EID09820daf-62b2-4fa3-a95f-56a0d2b7c4d8 4. EID499937ea-0590-42d2-bd7a-1cafff35ecdb 5. EID63f586f0-080c-493b-8ca2-9919427440cc	each other, but each of them depends on 1. 1 cannot be deselected
Annex I	Addresses (AD)	-	EID8aaef94b-6a4d-47ab-a5d0-70ad5cb28b08,EID9c31fa6e-1fab-4345-bf29-6d2c129de312,EID334bbd38-378d-4a44-8a19-5d00df919ec0,EID6985a681-fd81-4448-83e8-061758b9ca8c	1. <i>Conformance Class 'INSPIRE GML encoding'</i> 2. <i>Conformance Class 'INSPIRE GML application schemas'</i> 3. Conformance Class 'GML application schema, Addresses' 4. Conformance Class 'Application schema, Addresses Simple' 5. <i>Conformance Class 'Data consistency'</i> 6. Conformance Class 'Data consistency, Addresses' 7. <i>Conformance Class 'Information accessibility'</i> 8. Conformance Class 'Information accessibility, Addresses' 9. <i>Conformance Class 'Reference systems'</i> 10. Conformance Class 'Reference systems, Addresses'	1. EID545f9e49-009b-4114-9333-7ca26413b5d4 2. EID09820daf-62b2-4fa3-a95f-56a0d2b7c4d8 3. EIDe6800faf-2e56-47df-831a-75a96b35f33d 4. EID8aaef94b-6a4d-47ab-a5d0-70ad5cb28b08 5. EID61070ae8-13cb-4303-a340-72c8b877b00a 6. EID9c31fa6e-1fab-4345-bf29-6d2c129de312 7. EID499937ea-0590-42d2-bd7a-1cafff35ecdb 8. EID334bbd38-378d-4a44-8a19-5d00df919ec0 9. EID63f586f0-080c-493b-8ca2-9919427440cc 10. EID6985a681-fd81-4448-83e8-061758b9ca8c	All depend on 1, so it cannot be deselected. 4, 6, 8 and 10 are the default ones and are independent of each other. At least one of 3, 4, 6, 8 and 10 shall be selected to start. 2, 5, 7 and 9 are not directly selectable, they depend on others and will be automatically selected. 3 depends on 2 4 depends on 3 (and 2) 6 depends on 5 8 depends on 7 10 depends on 9
	Administrative units (AU)	Administrative Units	missing application schemas info	missing application schemas info	missing application schemas info	
		Maritime units	missing application schemas info	missing application schemas info	missing application schemas info	
	Cadastral parcels (CP)	-	-	-	-	-
	Geographical names (GN)	-	-	-	-	-
	Hydrography (HY)	missing application schemas	missing application schemas info	missing application schemas info	missing application schemas info	
	Protected sites (PS)	-	-	-	-	-
	Transport networks (TN)	missing application schemas info	missing application schemas info	missing application schemas info	missing application schemas info	
Annex II	Elevation (EL)	[Not developed	[Not developed yet]	[Not developed yet]	[Not developed yet]	

			yet]				
		Geology (GE)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Land cover (LC)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Orthoimagery (OI)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
	Annex III	Agricultural and aquaculture facilities (AF)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Area management / restriction / regulation zones & reporting units (AM)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Atmospheric conditions and Meteorological geographical features (AG-MF) [See comment]	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Bio-geographical regions (BR)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Buildings (BU)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Energy Resources (ER)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Environmental monitoring Facilities (EF)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Habitats and biotopes (HB)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Human health and safety (HH)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Land use (LU)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Mineral Resources (MR)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Natural risk zones (NZ)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Oceanographic geographical features (OF)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Population distribution and demography (PD)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Production and industrial facilities (PF)	[Not developed yet]	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Sea regions (SR)	[Not developed	[Not developed yet]	[Not developed yet]	[Not developed yet]	

		yet]				
		Soil (SO)	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Species distribution (SD)	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Statistical units (SU)	[Not developed yet]	[Not developed yet]	[Not developed yet]	
		Utility and governmental services (US)	[Not developed yet]	[Not developed yet]	[Not developed yet]	

Notes regarding the datasets:

- To make the user experience better:
 - instead of having a first selection for the Annex, a second selection for the theme, and a third selection for the application schema, we can have: a first selection where *Annex I*, *Annex II*, and *Annex III* are the titles of drop-down menus, i.e. user first selects an Annex, this will open the drop-down menu with the themes for that Annex and the user selects a theme.
 - Another solution could be to display all themes, grouped by Annex, using different columns.
 - In any case, the user should be able to select different themes from different annexes.
 - After the selection of one or more themes, the next question on the application schema (**where applicable!!**) will appear.
- We need to find a way to communicate that, for some data themes (currently all themes of Annex II and III) only *Common Conformance Classes* can be tested:
 - If we decide to list **all** data themes, those for which specific conformance classes do not exist should be highlighted. If the user selects one of these themes, the validator will validate only against the Common Conformance Classes. A clear message can be shown to the user, e.g. **NOTE: theme-specific tests are not yet available for this data theme. Only tests on GML general requirements will be performed.**
 - If we decide to list only data themes for which specific conformance classes exist, a clear message should be shown at the top e.g. **NOTE: For data themes not listed below, specific conformance classes are not yet available. Proceed without any selection to test the dataset against GML general requirements.**

Eu survey demonstrator

- EU Survey form** reflecting as much as possible the behavior and selection flow of the future Validator UI:
<https://ec.europa.eu/eusurvey/runner/INSPIRE-Validator-TestSelectorFlow>
- All the INSPIRE teamhere involved has been granted access to the form so they can manipulate it in case of need. The access to the administration panel is through <https://ec.europa.eu/eusurvey/> (It requires EU login). When accessing you should be able to see in your dashboard the following:

Surveys	
Alias	Title
Filter	Filter
INSPIRE-Validator-TestSelectorFlow	INSPIRE-Validator-TestSelectorFlow

No labels

13 Comments



HERNANDEZ Lorena

@VINCI Fabio @MINGHINI Marco in order to reflect as much as possible the information contained in this table (both in the mockups and the EU survey), can you confirm that the names proposed specifically in the columns **Second-level choice** and **Third-level choice**, are the ones to be displayed?

For example →

- 1. you propose **TG v.1.3**, wouldn´t it be better to use the full name as in my proposal:

Select the version of the technical guidelines to be tested*

☐

Version 1.3 of Technical Guidelines

☒

Version 2.0 of Technical Guidelines

- 2. You propose **Administrative units**, wouldn´t it be better as in my proposal:

Select the INSPIRE data themes contained in your data set

If no theme is selected the data set will be tested against the general requirements. Please use this option to validate resources under Annex II and III.

☒

Addresses (AD)

☒

Administrative Units (AU)

☐

Cadastral Parcels (CP)

☐

Geographical Names (GN)

☒

Hydrography (HY)

☐

Protected Sites (PS)

☐

Transport Networks (TN)

- 3. For WFS , SOS etc... would it be better (not in my proposal)

Current	Proposed
WMS	View Map Service (WMS)
WMTS	View Map Tile Service (WMTS)
...	...

- 4. Regarding the Data sets I have noticed that the application schema are not listed (I do not remember if we decided to display them in the "advanced options" or as a 4th level of choice appearing after the selection of the theme - and only in the cases where there is more than one app schema in the chosen theme-)

Select the INSPIRE data themes contained in your data set

If no theme is selected the data set will be tested against the general requirements. Please use this option to validate resources under Annex I and II.

☒

Addresses (AD)

☒

Administrative Units (AU)

☐

Cadastral Parcels (CP)

☐

Geographical Names (GN)

☒

Hydrography (HY)

☐

Protected Sites (PS)

☐

Transport Networks (TN)

Select the Application Schemas used in your data set*

Application Schemas available for the Administrative Units (AU) theme: ^

☒

Administrative Units

☐

Water Bodies

Application Schemas available for the Hydrography (HY) theme: ^

☒

Hydrography - Network

☐

Hydrography - Physical Features

Advanced options: ^

Select the conformance classes to be assessed*

☒

Data consistency: General requirements

- 5. I have noticed that the table is still incomplete→ As for the application schemas, the IDs and guidance for the conformance classes of the network service are not available yet, **could you please complete so that I can introduce all the details in the survey and double check the mockups?**



VINCI Fabio

Hi Lorena,

I agree with your proposal for points 1, 2 and 3.

4) If we will have the selection of the annex and of the theme together as a second-level choice, then the application schema, if applicable, will appear as a third-level choice. We should report this in the table.


5) Apart for datasets, I think the other parts of the table are complete. What do you refer to?



MINGHINI Marco

Thanks Lorena for the comments,

- 1, 2, 3: I also fully agree. Maybe we can edit the text in the table to reflect this.
- 4: to avoid too many levels of choices, Fabio and I thought to have what is described below the table, i.e. the selection of the Annex and the theme happens in the same step (but always with two clicks from the user - if this is not too clear we can have a chat). Probably this behaviour (described in the text under the table) cannot be replicated in EU Survey.
- 5: the part on Data Set is still not complete. What do you mean with 'network services'? The parts on View, Download and Discovery Services are complete already.


 **HERNANDEZ Lorena**
@VINCI Fabio @MINGHINI Marco I agree a quick webex will be more useful, also for the issues on the search options that I posted in the [other confluence page](#).

- In the meantime, could you please then update this table to reflect points 1, 2, 3? I need them to fully update and align the mockup and the EU survey
- Regarding Point 4:
 - I do not remember having to deserve a choice level for the Annex (we decide instead the workaround of the *helptext* (please review it)).

Select the INSPIRE data themes contained in your data set
If no theme is selected the data set will be tested against the general requirements. Please use this option to validate resources under Annex II and III.


- What I really meant, is that in this table you have not included the application schemas at all (actually some INSPIRE themes are also missing) → I imagine the **API - TestSuite ID** are also available for the different Application Schemas (Or not?)
- In any case for completeness those should appear in the table as it is part of the Advances options menu as Fabiano need them to implement the new UI, .

- point 5 is rather for completeness. I was proposing to complete the column **API - TestSuite ID (advanced validation)** by duplicating the content of the **API - TestSuite ID** in the default options (as you want to show them in the Advanced options collapsible menu, even if we disabled. But it might be just clearer just to indicate in the comment column something like *"this test does not allow customising the selection of the advanced options (which shall remain checked), but the conformances classes should appear with the hyperlinks to their explanations"*




MINGHINI Marco
Hi Lorena,

- I will update them by today (sorry, other deadlines coming today...)
- since we will soon have the first ETS for Annex III, we should probably change the approach we initially discussed, and ask the user to select Annex → theme → application schema. We can discuss this, of course, but I feel that the initial solution is longer valid. This is why you find this comment under the table - it was a short discussion I started with Fabio on Friday.
- the whole part of the table related to Datasets is a WIP, please do not look at what is there now. You are right, each application schema has its own ETS (TestSuite ID). However, this will be the very last thing to be developed (we agreed first to develop the complete validation flow for CSW and MD).
- Point 5: in general, the 2 columns provide distinct information and I would not duplicate the content: column **API - TestSuite ID (default validation)** says what is the TestSuite ID to be used when the user does not change the advanced options, while column **API - TestSuite ID (advanced validation)** (complemented by the **Advanced options** column and the explanation of the **Notes** column) explains what is the Test Suite ID to be used for all the possibilities of choices that the user has through the advanced options. For all the services, the situation is much easier: the italic text already means that the Conformance Class is not deselectable, and in this case the Advanced option will be only useful to show the link to the ATS. However, I can complete the 2 columns if you think it is useful for Fabiano.

 **MINGHINI Marco**

- Changed points 1, 2, 3. I would prefer to use "Technical Guidelines v.1.3" and "Technical Guidelines v.2.0" (i.e. we start with the name of the document/standard, then the version), do you agree? For coherence, we should probably do the same for all the resource types, i.e. including the TG version also for WMS, WMTS, WFS, etc. In that case, I would use 'TG vX.X' (instead of 'Technical Guidelines'). What do you think?
- Updated the last 2 columns.


 **HERNANDEZ Lorena**
@MINGHINI Marco @VINCI Fabio Great! I agree!

Can we make a quick webex call tomorrow among the three of us, to double check several things? maybe tomorrow?



In general I would prefer that you completely update this table (including the data sets section with correct naming and application schemas ID (hyperlinks) so that I can update accordingly both the mockups and EU survey at once (It is more efficient for me).

 **HERNANDEZ Lorena** As the Discovery service has no options to be displayed the full name "Catalogue Service for the Web (CSW)" will not appear the in the selection items.

 **MINGHINI Marco**
I don't agree - in my opinion, for coherence with the other services it should appear (although it is the only option).

 **HERNANDEZ Lorena**

Hi [@MINGHINI Marco](#) , I understand your point but note that this was not foreseen in any of the mock-ups for DIsccovery Service either. I am not sure how helpful (or *unhelpful*) it is to include another entry level for selecting an option which is actually "unselectable". What are your views on this [@VINCI Fabio](#) , [@FRANCIOLI Daniele](#) ?

 **FRANCIOLI Daniele**
I agree with  **@MINGHINI Marco** , better to keep coherence with the other services.



HERNANDEZ Lorena

This means that the UI will look more or less like:

Configure your test

- *Select the type of INSPIRE resource that you would like to test:
- ☐ Metadata
 - ☐ View Service
 - ☐ Download Service
 - ☒ Discovery Service
 - ☐ Data set

- *The following Standard will be tested:
- ☒ Catalogue Service for the Web (CSW)
 - ☐ -

- Advanced options >> *(Download service --> CSW)* [By default all options are checked]
- ☒ Conformance Class 'Discovery Service CSW' *(Not deselectable)*
 - ☐ -

@MINGHINI Marco can you propose a sentence for this headline then?

For the time being I wrote "the following standard will be tested" to show that it is for information only (there is nothing to select).



HERNANDEZ Lorena

The Theme [Atmospheric conditions and Meteorological geographical features \(AC-MF\)](#) should not be in the table as the theme has been superseded with [Atmospheric conditions](#)

As