



INSPIRE Reference Validator and validation community

JRC INSPIRE Team

65th MIG-T meeting – April 15-16, 2021

Latest releases of the INSPIRE Validator

Annual releases

As mentioned above, several releases of the INSPIRE Reference Validator are scheduled each year with the main goal of concentrating breaking changes in the first half of the year in order to produce the major release used for the end-of-year Monitoring process already in June. The scheduled annual releases are described in detail in the next sub-sections. In addition to the different infrastructure and deployment environments, the different releases are managed using different branches of the *ets-repository* repository.

For simplicity, the descriptions make explicit reference to releases in the years 2021/2022, but the same release schedule will be applied consistently over the following years:

latest release

- v2021.1 - 15/03/2021: it includes both breaking and non-breaking changes.
- v2021.2 - 15/06/2021: it includes both breaking and non-breaking changes. **used for Monitoring and Reporting 2021**
- v2021.3 - 15/09/2021: it only includes non-breaking changes, so that any INSPIRE resource passing the test in the previous release automatically passes the same test in this release. This release is the one used for the end-of-year Monitoring process.
- v2022.b - 15/09/2021: it includes both breaking and non-breaking changes which are planned to become effective (for Monitoring purposes) in the following year.
- v2022.0 - 15/01/2022: it includes both breaking and non-breaking changes, including those available in the beta instance of the previous year.

Latest release of the INSPIRE Validator

Latest release

v2021.1

a393e01

Verified

Compare

v2021.1 18/03/2021

dperezBM released this 27 days ago · 2 commits to master since this release

The version published at this time contains breaking and non-breaking changes.

New Features

ATS:

- [ATS for Data Specification on Bio-geographical Regions](#)
- [ATS for Data Specification on Elevation](#)
- [ATS for Data Specification on Geology](#)
- [ATS for Data Specification on Population Distribution](#)
- [ATS for Data Specification on Sea Regions](#)

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- [ETS for Data Specification on Bio-geographical Regions](#)
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- [ETS for Data Specification on Sea Regions](#)

Bugfixes

- [#419 Updated CharacterString validation dor MD 2.0 3.4 - #581](#)
- [#461 Updated TeamEngine dependency](#)
- [#471 Added SSL certificates to the validator deployment](#)
- [#474 Updated HTTPS access to the TEAM engine](#)
- [#479 Relaxed MD C.21 - C.22 - 1.10 - 5.3 - 5.4 - 5.5 - #597](#)
- [#480 Relaxed error C.14 to allow before and after - #583](#)
- [#482 Added SSL certificates to the validator deployment](#)
- [#488 Added certificates in validation process](#)
- [#512 Added BuildingPart Default layer and set 'default' to upper case - #588](#)
- [#518 Species distribution paths and wrongMultiplicity messages fixed - #582](#)
- [#529 Modified el-gml path - #587](#)

Deployment instructions

Section containing deployment process using Docker image and troubleshooting section. You can also find these in the [training material](#)

<https://github.com/INSPIRE-MIF/helpdesk-validator/releases/tag/v2021.1>

Migration of the Validator helpdesk

- Migration of the whole former [community repository](#):
 - including helpdesk, documentation, training material, release, project board

INSPIRE Validation Community

This space is used for discussions and announcements around INSPIRE validation & conformity testing. Before reporting a problem or making a pull request, please read the [contribution guidelines](#).

Use the issue tracker (helpdesk) to:

- [report a problem](#) with the INSPIRE validator or test results,
- [propose a new feature or an improvement](#) to the existing functionality of the INSPIRE validator, or
- [start a discussion or raise a question](#) on the INSPIRE validator

Please follow our [Code of Conduct](#) anytime when you interact with the INSPIRE community in this space.

The status of the solutions to all the issues currently open in the helpdesk can be checked on the [project board](#).

Please note that the helpdesk should not be used to report generic issues with INSPIRE implementation, but only to report problems of the Validator (i.e. tests that are/might not be currently implemented or issues to the web application) and to collect improvement proposals.

Please check the [changelog of the current and past releases](#) and the [release planning strategy](#) for the plan of future releases of the INSPIRE Reference Validator.

<https://github.com/INSPIRE-MIF/helpdesk-validator/issues>

ATS/ETS for Annex III/III Data Specifications

- Prioritisation of data themes for ATS & ETS development

Order	Data Theme	Number of data sets (May 2020)	Number of Priority data sets (May 2020)
1	AM	4191	515
2	LU	68415	36
3	NZ	1360	257
4	EF	1092	180
5	SD	2142	77
6	BU	1098	1
7	HH	667	227
8	US	1725	66
9	HB	1199	86
10	GE	1852	43
11	LC	1096	38
12	PF	419	96
13	EL	3764	2
14	OF	482	15
15	SR	285	18
16	BR	206	21
17	OI	1148	3
18	AC	316	9
19	SU	439	6
20	PD	209	11
21	SO	961	2
22	AF	216	8
23	MR	217	3
24	MF	311	2
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ATS/ETS for Annex III Data Specifications

- Prioritisation of data themes for ATS & ETS development
- Current situation:
 - ETS available in production

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1	AM	ATS	ETS
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ATS/ETS for Annex II/III Data Specifications

- Prioritisation of data themes for ATS & ETS development
- Current situation:
 - ETS available in production
- Suggestions:
 - monitor the [GitHub issue](#) for updates
 - test the new ATS/ETS
 - data sets from Annex II/III can already be tested against [cross-cutting requirements](#)

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Coming soon: ETS for OGC API - Features

- Follow-up of the work of Action 2020.1:
 - OGC API - Features as an INSPIRE download service endorsed as a GP
 - lots of implementations already available
 - requirements to be translated into ATS/ETS
- Work organised in:
 - transposition of the tests currently available in the OGC TEAM Engine
 - some tests still to be added by the OGC
 - development of the INSPIRE-specific tests

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New INSPIRE Validator User Interface

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- aligned with the visual identity of the European Commission
- **simplified workflow** for starting tests

The screenshot shows the 'INSPIRE Validator - Test selection' page. At the top, there is a European Commission logo and a search bar. The breadcrumb trail reads 'European Commission > INSPIRE > Validator > Test selection'. The main heading is 'INSPIRE Validator - Test selection'. Below this is a navigation menu with 'Home', 'Test selection', 'Test reports', 'Get support', and 'More on the INSPIRE Reference Validator'. The main content area is titled 'Configure your test' and contains three sections: 'Select the INSPIRE resource you would like to test' with radio buttons for Metadata (selected), View Service, Download Service, Discovery Service, and Data set; 'Select the Technical Guidelines version' with radio buttons for Version 1.3 - DEPRECATED and Version 2.0 (selected); and 'Select the type of metadata record(s) to be tested' with radio buttons for Data sets and data set series (selected), Network Service, and Spatial Data Service. There is an 'Advanced options' dropdown button. The next section is 'Provide the resource to test', which includes instructions on file upload and a 'File upload' button with a dropdown arrow. Below this is an 'Upload file' section with a 'Choose files' button and a note about file size and encryption. At the bottom, there is a text input field for a test report label and a 'Start test' button.

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- Select the INSPIRE resource you would like to test:** Radio buttons for Metadata (selected), View Service, Download Service, Discovery Service, and Data set.
- Select the Technical Guidelines version:** Radio buttons for Version 1.3 - DEPRECATED and Version 2.0 (selected).
- Select the type of metadata record(s) to be tested:** Radio buttons for Data sets and data set series (selected), Network Service, and Spatial Data Service.
- Advanced options:** A dropdown menu.
- Antispam:** A slider control with the text 'Select the number 28 or 33 by moving the slider.' Below the slider, it says 'Your selected answer is: 0'.
- Verify:** A button at the bottom.

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- new visualization of test reports with improved **options for filtering**

The screenshot displays the 'INSPIRE Reference Validator - Test reports' web application. At the top, there is a European Commission logo and a search bar. The main header includes navigation links: Home, Test selection, Test reports, Get support, and More on the INSPIRE Reference Validator. The page is divided into two main sections: 'Search options' and 'Search results (15)'. The 'Search options' section includes a search input field, a 'Combine search terms with' section with radio buttons for 'AND' (selected) and 'OR', and dropdown menus for 'Resource type' (set to 'Any resource') and 'Status' (set to 'Any status'). There are buttons for 'Refine results' and 'Clear all'. The 'Search results' section shows a list of 15 test runs, each with a status icon (green for success, red for failure, or black for warning) and a description of the test suite and time. The results are sorted by date, as indicated by the 'Sort by date' dropdown. At the bottom, there are navigation arrows for '< Previous' and 'Next >'.

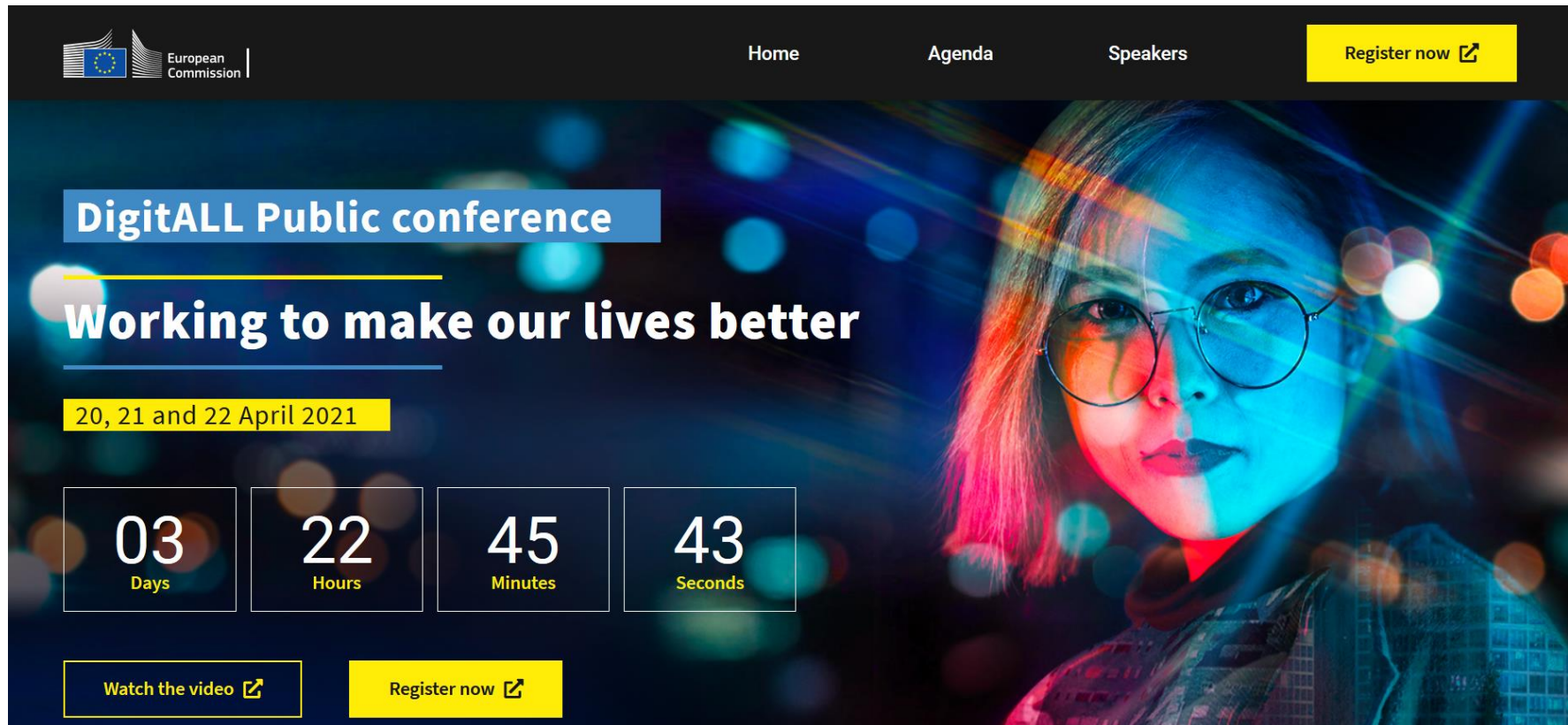
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- new visualization of test reports with improved **options for filtering**
- Please **test it** and **provide feedback!**

The screenshot displays the 'INSPIRE Reference Validator - Test reports' web application. At the top, there is a navigation bar with the European Commission logo, a language selector set to 'English', and a search box. Below the navigation bar, the page title 'INSPIRE Reference Validator - Test reports' is prominently displayed. A secondary navigation menu includes links for 'Home', 'Test selection', 'Test reports', 'Get support', and 'More on the INSPIRE Reference Validator'. The main content area is divided into two columns. The left column, titled 'Search options', contains a search input field, a section for 'Combine search terms with' (with radio buttons for 'AND' and 'OR'), and dropdown menus for 'Resource type' (set to 'Any resource') and 'Status' (set to 'Any status'). Below these are buttons for 'Refine results' and 'Clear all'. The right column, titled 'Search results (15)', features a 'Sort by date' dropdown and a 'Showing results 1 to 15' indicator. The results are listed in a table with alternating green and pink rows. Each row includes a plus sign, a status icon (green checkmark, red X, or black exclamation mark), and a detailed description of the test run, such as 'Test run on 10:07 - 15.04.2021 with test suite Common conformance classes test Rerun MM'. The bottom of the page shows a pagination control with '< Previous' and 'Next >' buttons, and a page number '1' in a circle.

DigitALL Public conference

- Closing event of the CEF Digital and ISA² Programme
 - session on April 22 (12:30-14:00) on ELISE – including the INSPIRE Reference Validator!



The screenshot shows the landing page for the DigitALL Public conference. At the top left is the European Commission logo. The navigation menu includes 'Home', 'Agenda', and 'Speakers', along with a yellow 'Register now' button with an external link icon. The main content area features a dark background with a woman wearing glasses and a colorful bokeh light effect. The text 'DigitALL Public conference' is in a blue box, followed by the tagline 'Working to make our lives better' in white. Below this, a yellow box indicates the dates '20, 21 and 22 April 2021'. A countdown timer shows 03 Days, 22 Hours, 45 Minutes, and 43 Seconds. At the bottom, there are two buttons: 'Watch the video' with an external link icon and a yellow 'Register now' button with an external link icon.

<https://digitalpublic.eu>

Thank you!



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