INSPIRE Validation – News & ongoing activities

JRC INSPIRE Team

62nd INSPIRE MIG-T Meeting – July 2, 2020

INSPIRE Validator @ INSPIRE Conference

- Webinar "INSPIRE Reference Validator: Status & next steps" on June 9:
  - the most attended webinar of the whole conference – 305 people 🥳
  - slides & videos available online

Session: INSPIRE Reference Validator: Status & next steps

Date: Tuesday, June 9, 2020 - 09:00

Chair: Marco Minghini

▶ Video

Title	Presenter	View Presentation
Introduction to the INSPIRE Reference Validator, community space, current & future work	Marco Minghini, Fabio Vinci, Michael Lutz, Lorena Hernandez, Fabiano Spinelli, Daniele Francioli, Lukasz Ziemba	📄 Download Presentation
Hands-on session: deploying the INSPIRE Reference Validator and using the API	Carlos Palma Zurita, Enrique Soriano, Juan Martín Pelegrina, Daniel Navarro Cueto	📄 Download Presentation

INSPIRE
CONFERENCE 2020
DUBROVNIK - CROATIA
Goes virtual 3-12 June

https://inspire.ec.europa.eu/conference2020/webinars/inspire-reference-validator-status-next-steps

European Commission

INSPIRE Validator – Release planning

- The version of the Validator used for Monitoring 2020 will be released in September 2020.

- The version released in September will not introduce any breaking change, i.e. the version released in June 2020 can be already used for preparing MD for Monitoring 2020.

Annual releases

- **v2020.1 - 15/03/2020**: it includes both breaking and non-breaking changes.

- **v2020.2 - 15/06/2020**: it includes both breaking and non-breaking changes.

- **v2020.3 - 15/09/2020**: 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.

- **v2021.b - 15/09/2020**: it includes both breaking and non-breaking changes which are planned to become effective (for Monitoring purposes) in the following year.

- **v2021.0 - 15/01/2021**: it includes both breaking and non-breaking changes, including those available in the beta instance of the previous year.

https://github.com/inspire-eu-validation/community/tree/master/release%20strategy

INSPIRE Validator – Latest release

- v2020.2 released on June 24:
  - new ATS/ETS on MD 2.0 for Monitoring
  - several bugfixes
  - training material
  - deployment instructions using Docker
  - source code

https://github.com/inspire-eu-validation/community/releases/tag/v2020.2

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v2020.2 24/06/2020

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

🚀 **New Features**

ATS:

- ATS for MD 2.0 Monitoring Metadata

ETS:

- ETS for MD 2.0 Monitoring Metadata

🐛 **Bugfixes**

- #100 multiple hierarchyLevel allowed for MD2.0 - #470
- #252 Add missing crs into at36-getcapabilities-layer-bounding-box error message - #468
- #254 Added exceptions for harmonised layer names - #466
- #255 Allow to identifiers be repeated in different layers if they refer to the same dataset - #467
- #272 Added monitoring metadata test - #450
- #275 MD2.0 SDS 3.6 Premature end of file - #453
- #277 multiple hierarchyLevel allowed for MD2.0 - #451
- #278 Incorrect error message on MD2.0 test C.18 - #449
- #288 Update 'help' link button
- #304 Relaxed "wfs" prefix requirement for Pre-Defined WFS and for Direct WFS. - #469
- #316 multiple electronicMailAddress allowed for MD2.0 C.6 - #455
- #318 Fix duplicate dataset UID - #473
- #319 Change https INSPIRE URIs into http URIs for C.17 & C.18 - #472
- #331 Conformity to ISO 8601:2004 for all the relevant TG v2.0 requirements - #474

📝 **Documentation**

- Updated Training Material
- Added 2020 Online INSPIRE Conference webinar

Deployment instructions

```
docker run --name inspire-validator -d -p 8080:8080 -v ~/etf:/etf docker.pkg.github.com/inspire-eu-validation/community/inspire-v
```

For further configuration, please download the file inspire-validator-2020.2.zip and follow the instructions in the README.md file inside the .zip file.

▾ Assets 4

📦 ets-repository-2020.2.zip	1.85 MB
📦 inspire-validator-2020.2.zip	165 MB
📄 Source code (zip)	
📄 Source code (tar.gz)	

ATS/ETS for Annex II/III Data Specifications

- Definition of the order of themes for which ATS/ETS will be developed

- Current situation:

Order	Data Theme	Link to ATS	Link to ETS
1	AM	ATS	ETS
2	LU	ATS	

- Suggestions:
  - please monitor the GitHub issue for the updated picture
  - test the new ATS/ETS
  - data sets from Annex II/III can already be tested against cross-cutting requirements

https://github.com/inspire-eu-validation/community/issues/336

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
25	ER	279	2

New INSPIRE Validator User Interface

new INSPIRE-based UI under development

INSPIRE Validator – Tool for bulk validation of metadata

- The tool for bulk validation of metadata used for Monitoring 2019 has been published as an open source software under the EUPL.

- A new version of the tool based on the 2020 Monitoring 'rules' will be shared before mid-September.

- Please setup and use your own instance of the Validator to test your metadata!

Bulk processing tool for the INSPIRE Reference Validator

This software tool allows for validation of large numbers of metadata records using the API of the INSPIRE Reference Validator. It was developed to support INSPIRE Monitoring & Reporting activities. The tool was built with Pentaho Data Integration Community Edition platform which is required to use it.

https://github.com/inspire-eu-validation/monitoring-bulk-validation-tool

European Commission

INSPIRE Validator – Network of NCPs

- Closed Action 2017.4 on Validation and conformity testing.
- Open call for nominations of national validation experts to be included in the network of National Contact Points focused on validation:
  - maintainers of national validators / experts in INSPIRE Validator
  - main tasks:
    - staying up-to-date on the latest developments of the Validator
    - monitoring the issues raised in the Validator helpdesk and providing expert feedback
    - contributing to testing new developments of the Validator
    - promoting the use of the Validator at the national level and report on national efforts
    - advising on the long-term sustainability of the Validator
  - 18 experts nominated from 12 countries: ES, CZ, SE, DE, BE, FI, NL, PT, SK, FR, HU, IT.
- Kickoff meeting during the week of July 13-17.

European Commission

Thank you!

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Keep in touch

EU Science Hub: ec.europa.eu/jrc

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