INSPIRE Reference Validator and validation community

JRC INSPIRE Team

68th MIG-T meeting – February 4, 2022

INSPIRE Reference Validator – Releases

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:

- **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.
- **v2022.b - 15/06/2021**: it includes both breaking and non-breaking changes which are planned to become effective (for Monitoring purposes) in the following year.

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.

latest release

- **v2022.0 - 15/01/2022**: it includes both breaking and non-breaking changes, including those available in the beta instance of the previous year.

https://github.com/INSPIRE-MIF/helpdesk-validator/tree/master/release%20strategy

INSPIRE Reference Validator – v.2022.0

v2022.0- 19/01/2022 (Latest)

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

🚀 New Features

OGC API-Features:

- OGC API-Features

🐛 Bugfixes

- #565 etf.dependency.ids value updated - #702
- #612 Accepted date and dateTime - #693
- #626 BU.Building.default option style added - #694
- #633 Update emptyName message - #695
- #638 Check operatesOn/xlink:href instead of operatesOn/uuidref - #700
- #643 Created loop to avoid defining messages - #696
- #646 Update StatisticalTesselation to StatisticalTessellation - #697
- #649 Update mr-as.b.1: specification test - #698
- #669 Add 5013, 5014 and 5015 EPSG codes - #699

Deployment instructions

The section containing the 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/v2022.0

European Commission

New tests

- Tests on the discoverability of agricultural IACS datasets:
  - translating the requirements of the Technical Guidelines on IACS data sharing
  - available in the staging instance since end of December
  - to be moved to production in release v.2022.1 (March 2022)

https://publications.jrc.ec.europa.eu/repository/handle/JRC121450

Configure your test

Select the INSPIRE resource you would like to test

- ● Metadata
- ○ View Service
- ○ Download Service
- ○ Discovery Service
- ○ Data set

Select the Technical Guidelines version

- ○ Version 1.3 - DEPRECATED
- ● Version 2.0

Select the type of metadata record(s) to be tested

- ● Data sets and data set series
- ○ Network Service
- ○ Spatial Data Service

[Advanced options ∧]

Select the conformance classes to be assessed

- ☑ Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records ([source](#))
- ☑ Conformance Class 1: 'Baseline metadata for data sets and data set series ([source](#))
- ☑ Conformance Class 2: 'INSPIRE data sets and data set series interoperability metadata' ([source](#))
- ☑ Conformance Class 2b: 'INSPIRE data sets and data set series metadata for Monitoring' ([source](#))
- ☐ Conformance Class 2c: 'INSPIRE data sets and data set series metadata for IACS' ([source](#))

API gateway to access the Validator

- Introduced to limit the (massive) use of the production instance of the INSPIRE Reference Validator through the API:
  - sometimes performed using the bulk validation tool
  - sometimes making the instance unavailable

- Limitations on the API usage:
  - max 200 requests/week and max 1 request/second
  - API token to be requested

- Public UI remains available with no changes.

https://github.com/INSPIRE-MIF/helpdesk-validator/issues/594

Thank you!

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Keep in touch

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