INSPIRE Reference Validator and validation community

JRC INSPIRE Team

63rd MIG-T meeting – October 13-14, 2020
Latest release 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 2020/2021, but the same release schedule will be applied consistently over the following years:

- 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
Upcoming release of the ETF framework

- v.2.1 to be released in October, will fix some INSPIRE-specific issues:
  - GML polygon orientation (caused by a deegree issue) [#60, #137, #147, #886]
  - invalid geometries (CRS issues) [#203, #214, #267, #301]

https://github.com/orgs/etf-validator/projects/2
ATS/ETS for Annex II/III Data Specifications

• Prioritisation of data themes for ATS/ETS development

• Current situation:
  • ETS available in staging

• 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
New INSPIRE Validator User Interface

- Working prototype released with the INSPIRE validation community
  - to be tested by the community until November 15 before replacing the current interface
  - access available upon request
  - aligned with the visual identity of the European Commission
  - simplified workflow for starting tests

https://github.com/inspire-eu-validation/community/issues/417
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  - aligned with the visual identity of the European Commission
  - simplified workflow for starting tests
  - new visualization of test reports with improved options for filtering

https://github.com/inspire-eu-validation/community/issues/417
INSPIRE Validator – Network of NCPs

• Closed Action 2017.4 on Validation and conformity testing.
• Creation of a network of National Contact Points focused on validation
  • maintainers of national validators / experts in INSPIRE validation
  • 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
• 21 experts from 14 countries: ES, CZ, SE, DE, BE, FI, NL, PT, SK, FR, HU, IT, AT, EL
• kickoff meeting held on July 14
• setup of a dedicated mailing list
Use of the central Validator instance

- The production instance of the Validator is sometimes unavailable due to heavy usage by the community, mainly caused by:
  - usage of the bulk validation tool for metadata, which takes all available TestRuns slots and prevents anyone from starting new tests
  - validation of large (GML) files served through ATOM feeds, which consumes the credit system in the cloud deployment
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  • usage of the bulk validation tool for metadata, which takes all available TestRuns slots and prevents anyone from starting new tests
  • validation of large (GML) files served through ATOM feeds, which consumes the credit system in the cloud deployment
• Investigation of available options to monitor, control and limit access to the Validator provided by AWS.
• Usage of local/national instances of the INSPIRE Reference Validator is recommended.
Thank you!

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