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.

  used for Monitoring and Reporting 2020

- **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.

  beta version – NOT RELEASED

- **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

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

- Prioritisation of data themes for ATS/ETS development

- Current situation:

Order	Data Theme	Link to ATS	Link to ETS
1	AM	ATS	ETS
2	LU	ATS	ETS
3	NZ	ATS	ETS
4	EF	ATS	ETS
5	SD	ATS	ETS
6	BU	ATS	ETS
7	HH	ATS	

  - 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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  - simplified workflow for starting tests
  - new visualization of test reports with improved options for filtering

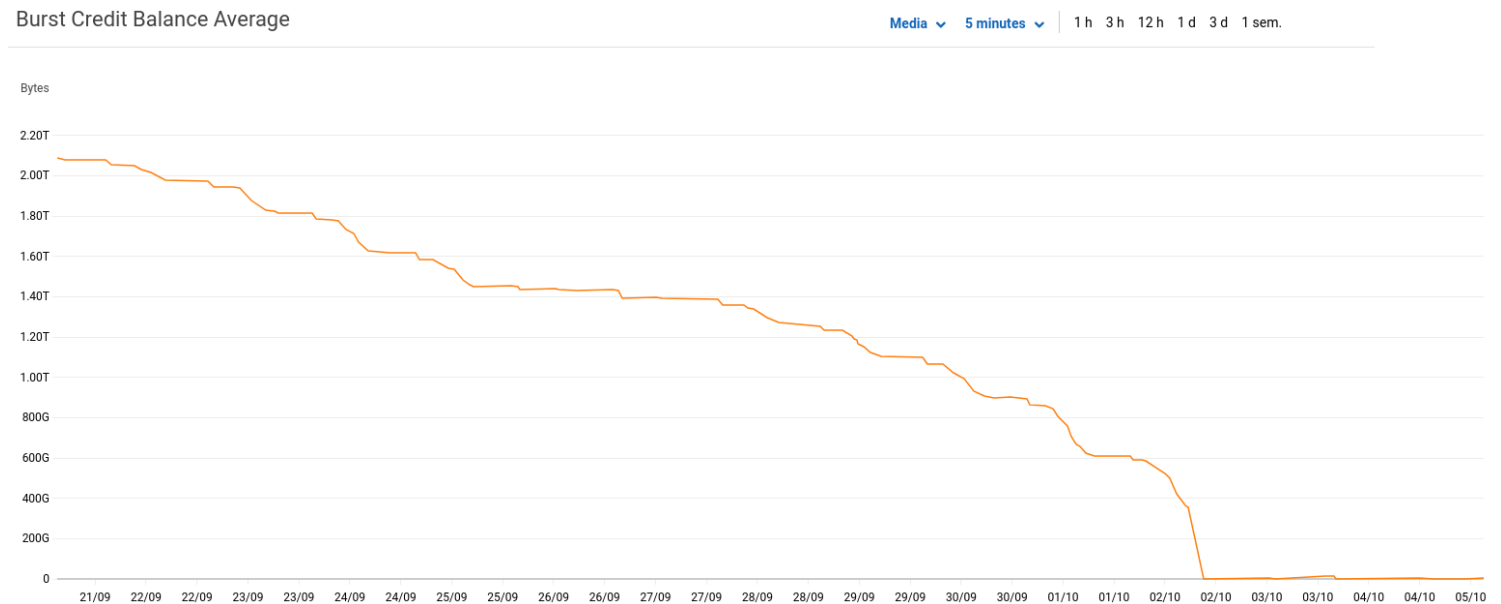https://github.com/inspire-eu-validation/community/issues/417

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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European Commission

Keep in touch

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