



INSPIRE Reference Validator and validation community

JRC INSPIRE Team

66th MIG-T meeting – July 8-9, 2021

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. **latest release**
- 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.

INSPIRE Reference Validator – Latest release

Latest release

v2021.2

3ca4795

Verified

Compare

v2021.2 15/06/2021

carlospzurita released this 3 hours ago

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

New Features

ATS:

- [ATS for Data Specification on Orthoimagery](#)
- [ATS for Data Specification on Agricultural and Aquaculture Facilities](#)

ETS:

- [ETS for Data Specification on Orthoimagery](#)
- [ETS for Data Specification on Agricultural and Aquaculture Facilities](#)

UI:

- Integration of new [INSPIRE validator UI](#) deployed and included on Docker image

Bugfixes

- [#265](#) Added tiff format support to ATOM tests - [#619](#)
- [#432](#) Updated from QualityOfCriteriaCode to QualityOfCriteria - [#622](#)
- [#453](#) Updated temp schema validation - [#616](#)
- [#472](#) Updated noDateTypeForSpecification message - [#623](#)
- [#530](#) Added specification option to Geology - [#618](#)
- [#531](#) GMLAS C.1 *:uom exception added - [#617](#)
- [#535](#) Added new certificates to the ETF Validator
- [#543](#) Added new certificates to the ETF Validator
- Updated outdated "community" repository links - [#624](#)

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/v2021.2>

New tests – ATS/ETS for Annex II/III Data Specifications

- ATS developed and released for all data themes.
- ETS almost completed:
 - latest ETS released in production: OI, AF
 - latest ETS released in staging: SO, SU, ER, MR, OF
 - only ETS missing: AC-MF

moved in production in the September release

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
8	HB	ATS	ETS
9	LC	ATS	ETS
10	US	ATS	ETS
11	PF	ATS	ETS
12	GE	ATS	ETS
13	BR	ATS	ETS
14	SR	ATS	ETS
15	EL	ATS	ETS
16	PD	ATS	ETS
17	OI	ATS	ETS
18	AF	ATS	ETS
19	SU	ATS	ETS
20	SO	ATS	ETS
21	MR	ATS	ETS
22	ER	ATS	ETS
23	OF	ATS	ETS
24	AC-MF	ATS	

New tests – OGC API - Features (coming soon)

- 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

New tests – OGC API - Features (coming soon)

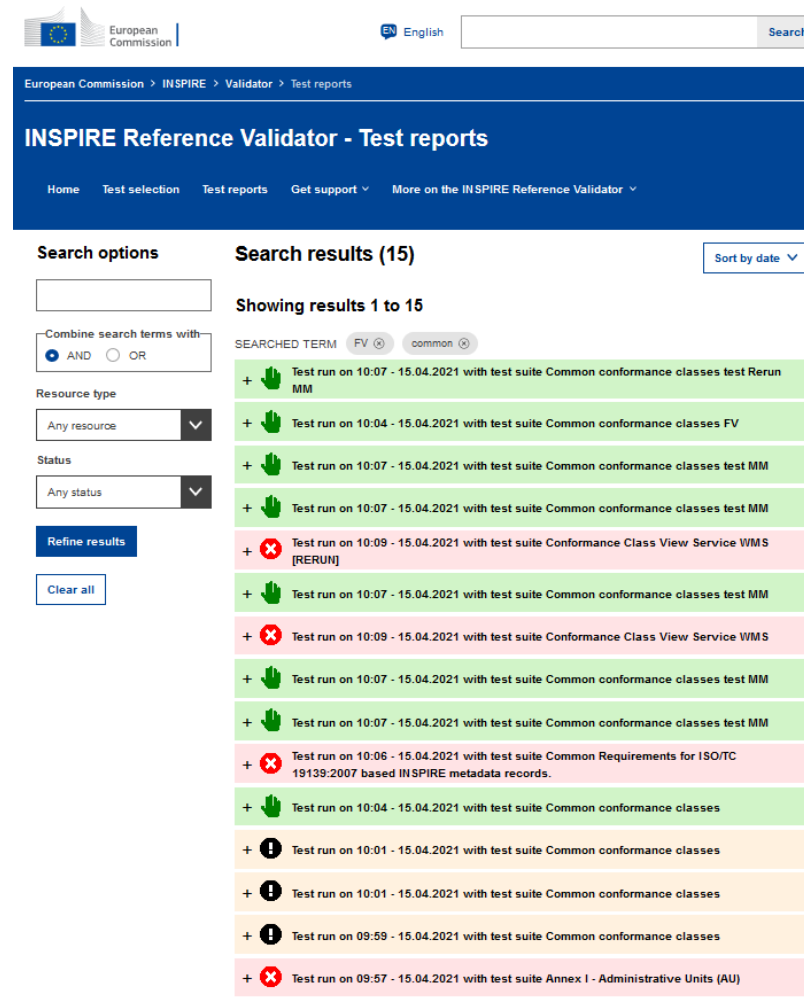
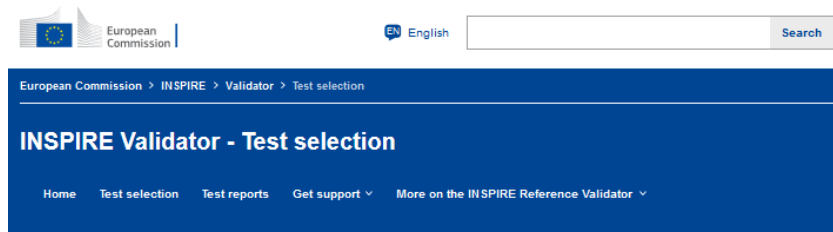
- Follow-up of the work of Action 2020.1:
 - OGC API - Features as an INSPIRE download service endorsed as a GP
 - lots of implementations already available
 - requirements to be translated into ATS/ETS
- Work organised in: **pending approval by the ETF Steering Group**
 - transposition of the tests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

Planned tests

- Requirements for discoverability of IACS datasets
- Requirements for the simplified data-service linkage approach
- OGC SensorThings API

INSPIRE Reference Validator – New UI

- Available for the first time in the production instance with release v.2021.2:



INSPIRE Reference Validator – Preparation for Monitoring & Reporting 2021

- Conformance Class 2 *INSPIRE* data sets and data set series interoperability metadata will be added (compared to last year):
 - included by default when validating data set metadata in the new UI

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](#))

- New version of the [bulk validation tool](#) to be released in mid-September:
 - will include this additional conformance Class when validating data set metadata

Thank you!



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