



# ETF and INSPIRE Reference Validator

**JRC INSPIRE Team**

*75<sup>th</sup> MIG-T meeting – July 7, 2023*

# 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 2023/2024, but the same release schedule will be applied consistently over the following years:

- **v2023.1 - 15/03/2023**: it includes both breaking and non-breaking changes. **latest release**
- **v2023.2 - 15/06/2023**: it includes both breaking and non-breaking changes.
- **v2024.b - 15/06/2023**: it includes both breaking and non-breaking changes which are planned to become effective (for Monitoring purposes) in the following year. **version used for Monitoring and Reporting 2023**
- **v2023.3 - 15/09/2023**: 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.
- **v2024.0 - 15/01/2024**: it includes both breaking and non-breaking changes, including those available in the beta instance of the previous year.

# INSPIRE Reference Validator – v2023.2

v2023.2 - 21/06/2023

Latest

<https://github.com/INSPIRE-MIF/helpdesk-validator/releases/tag/v2023.2>

 jenriquesoriano released this 2 weeks ago  v2023.2  29ed25e 

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

## New Features

- [#965](#) Upgrade INSPIRE Reference Validator to Java 11

## Bugfixes

- [#113](#) tn-as.c.1 significantPoint exception added for air TransportNode - [#813](#)
- [#382](#) HH.HealthDeterminantMeasure.Default option style added - [#814](#)
- [#722](#) [#751](#) [#758](#) [#819](#) TG Req 43 and TG Req 44 updated - [#815](#)
- [#928](#) Keyword split into INSPIRE data theme and GEMET - [#816](#)
- [#943](#) am-as.b.2 competentAuthority xsi:nil condition added - [#817](#)
- [#950](#) Wrong polygon orientation reported for CRS EPSG:3045/EPG:4258 - [#4](#) [#30](#)
- [#961](#) CAPTCHA does not work
- [#963](#) API call added to IA and AS themes - [#818](#)

## Validator UI

- [#45](#) Update captcha verification endpoint

## v2023.2

- ~~Breaking and non-breaking changes in this release~~
- Baseline for Monitoring and Reporting 2023
- v2023.3 will be used for M&R2023

**No breaking changes will be introduced for M&R2023**

# INSPIRE Reference Validator – v2023.2

## Main features

- Technology upgrade: fine tuning & security testing
  - Docker base image: jetty:9.4.48-jre11-openjdk
  - Debian GNU/Linux 11
  - OpenJDK 11.0.16
  - Jetty 9.4.8
  - Squid 4.13
  - Nginx 1.18.0
  - Apache 2.4.56









The screenshot shows the homepage of the INSPIRE Reference Validator. At the top, there is a navigation bar with the title 'INSPIRE Reference Validator' and a menu with items: Home, Test selection, Test reports, Get support, and More on the INSPIRE Reference Validator. Below the navigation bar, a main heading reads 'Welcome to the INSPIRE Reference Validator'. The main content area contains several sections: a paragraph explaining the purpose of the validator, a paragraph detailing its basis on Abstract and Executable Test Suites, and a paragraph mentioning its development under AR3MA and ELISE Actions. Below this text is a large button with a play icon and the text 'Test your data, services or metadata', with a sub-text 'Pick your resource (data, services or metadata), select the test(s) to launch and check the results to see how well you are doing (or where you need to improve)' and a 'Start a test' link. Below this are three smaller cards: 'API' with a gear icon and a 'Try the API' link, 'Want more?' with a download icon and a 'Get the software' link, and 'Feedback' with a speech bubble icon and a 'Provide your feedback' link. At the bottom, there is a footer with 'INSPIRE Reference Validator' and 'Contact us' (with a 'Contact information' link) on the left, and 'About us' (with an 'Information about the INSPIRE Validator' link) and 'Follow us on' (with a 'Related sites' link) on the right. The footer also includes the text 'The INSPIRE Validator is managed by the European Commission Joint Research Centre B6 Unit'.

# INSPIRE Reference Validator – v2023.2

## Main features

- Geometry orientation issue for polygons in left-handed CRS - **SOLVED**
  - Collaboration with degree
  - <https://github.com/deegree/deegree3/issues/1480>

GeometryValidator-Different results than OGC Cite tests for left-handed CRS #1480

 Open jenriquesoriano opened this issue on Mar 28 · 4 comments
- Compilation of INSPIRE Registry resources - **UPDATED**
  - Setting up a cache of INSPIRE Registry resources
  - Own installation dependent: proxy, cache policies...
  -  codelist
  -  draft-schemas
  -  layer
  -  media-types
  -  metadata-codelist
  -  schemas
  -  theme

# INSPIRE Reference Validator–API Gateway

- API Gateway to manage requests
- API Key needed
  - Request an API Key
  - <https://github.com/INSPIRE-MIF/helpdesk-validator/issues/594>
- Usage of API Key - **NEW**
  - <https://yzyiqfakm4.execute-api.eu-west-1.amazonaws.com/validator/v2/Usages/{API-Key}/>
    - Last 10 days usage
    - Remaining quota
  - <https://github.com/INSPIRE-MIF/helpdesk-validator/discussions/977>

# INSPIRE Reference Validator–API Gateway

```
statusCode: 200
body:
  items:
    0:
      date: "2023-06-27"
      uses: 34
      remaining_uses: 0
    1:
      date: "2023-06-28"
      uses: 0
      remaining_uses: 0
    2:
      date: "2023-06-29"
      uses: 0
      remaining_uses: 0
    3:
      date: "2023-06-30"
      uses: 0
      remaining_uses: 0
    4:
      date: "2023-07-01"
      uses: 0
      remaining_uses: 0
```

```
5:
  date: "2023-07-02"
  uses: 0
  remaining_uses: 200
6:
  date: "2023-07-03"
  uses: 0
  remaining_uses: 200
7:
  date: "2023-07-04"
  uses: 176
  remaining_uses: 24
8:
  date: "2023-07-05"
  uses: 0
  remaining_uses: 24
9:
  date: "2023-07-06"
  uses: 12
  remaining_uses: 12
```

token refill on Sunday

# Reminder on the Validator usage & offer

- The production instance of the INSPIRE Reference Validator is not meant to be used for massive/large validations, which may result into software unavailability for the whole community:
  - ‘heavy’ services serving several and/or large datasets
  - large GML datasets – current limit for file upload: 50 MB
  - massive validations through the API – limited through an API Gateway
- For such validation needs:
  - please setup your own instance of the INSPIRE Reference Validator (e.g. using Docker)
  - ask for we offer help with the deployment



# Thank you!



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