INSPIRE Reference Validator and validation community

JRC INSPIRE Team

70th MIG-T meeting – July 7, 2022

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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 2022/2023, but the same release schedule will be applied consistently over the following years:

- **v2022.1 - 15/03/2022**: it includes both breaking and non-breaking changes.
- **v2022.2 - 15/06/2022**: it includes both breaking and non-breaking changes. **latest release**
- **v2023.b - 15/06/2022**: it includes both breaking and non-breaking changes which are planned to become effective (for Monitoring purposes) in the following year.
- **v2022.3 - 15/09/2022**: 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.
- **v2023.0 - 15/01/2023**: 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

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used for Monitoring and Reporting 2022

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European Commission

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will include the new ETF v.2.1

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European Commission

INSPIRE Reference Validator – v.2022.2

v2022.2- 21/06/2022 Latest

dperezBM released this 15 days ago v2022.2 ed6b791

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

🚀 New Features

- #765 Validation against the latest INSPIRE official schemas - #748
- #770 INSPIRE data sets and data set series metadata for IACS multilanguage- #749

🐛 Bugfixes

- #569 tn-gml typo correction - #750
- #618 #703 invalidLegendFormat message updated - #751
- #710 am-as-a.2 missingElement and missingAttribute property fixed - #752
- #714 su-vector-as.b.1 and su-vector-as.b.2 updated - #753
- #729 Conformance class description typo fixed - #754
- #742 5621, 9389 and 9390 EPSG codes added - #755
- #747 pf-gml typo fixed - #756
- #749 outputSchema and elementSetName default parameters added in UI
- #780 #718 #771 Not required service metadata checks removed- #757

🚀 Validator UI

- #24 New cookie consent on Validator UI - #25
- #23 Quick links in the "Get support" menu need to be changed
- #22 Wrong CC for some US application schemas - #21
- #19 URL Metadata validation for non-ISO default responses - #20
- #14 Staging/production parametrization - #18
- #13 Typo for AD data theme - #15
- #10 Missing CC name for BU3D
- #9 Outdated instructions to be removed
- #8 Date display issue bug - #12
- #7 Link to be changed - #11

https://github.com/INSPIRE-MIF/helpdesk-validator/releases/tag/v2022.2

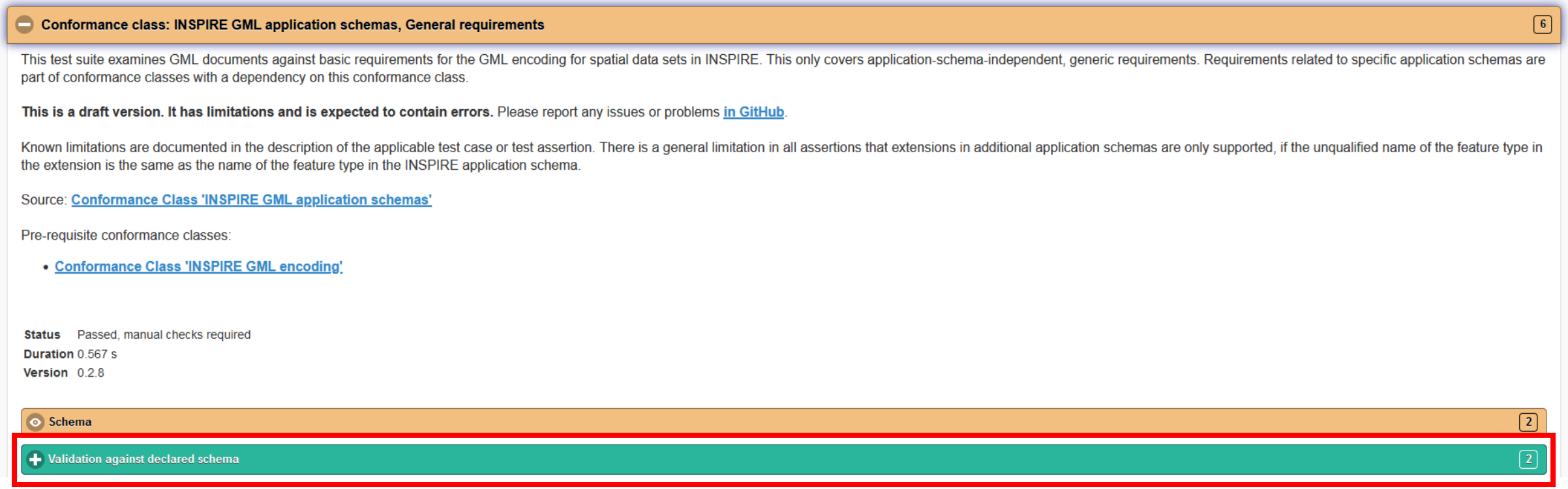
New tests – Validation against the latest INSPIRE official schemas

- Introduced to check whether existing implementations are aligned with the latest version of endorsed INSPIRE schemas, and (if not) to stimulate towards the migration:
  - this complements the work performed under Action 2.3.1
- Breaking change – make sure to consider it for Monitoring and Reporting 2022!

https://github.com/INSPIRE-MIF/helpdesk-validator/discussions/765

New tests – Validation against the latest INSPIRE official schemas

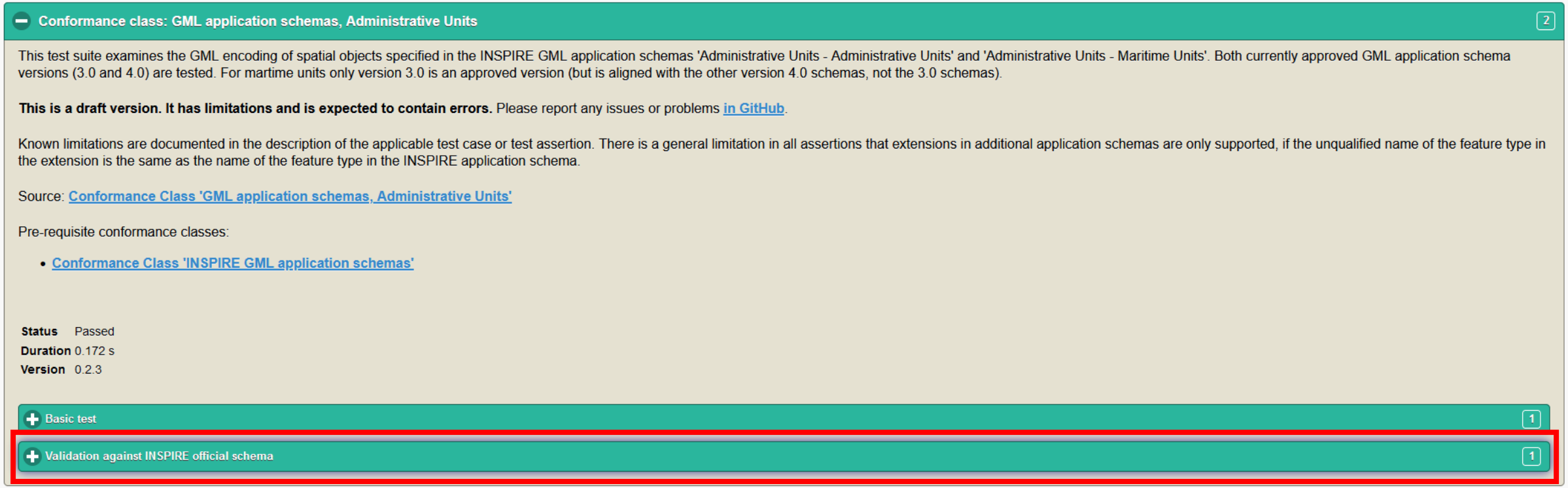
- Schema validation is now composed of 2 separate tests:
  1. (already existing) schema validation against the declared schema



https://github.com/INSPIRE-MIF/helpdesk-validator/discussions/765

New tests – Validation against the latest INSPIRE official schemas

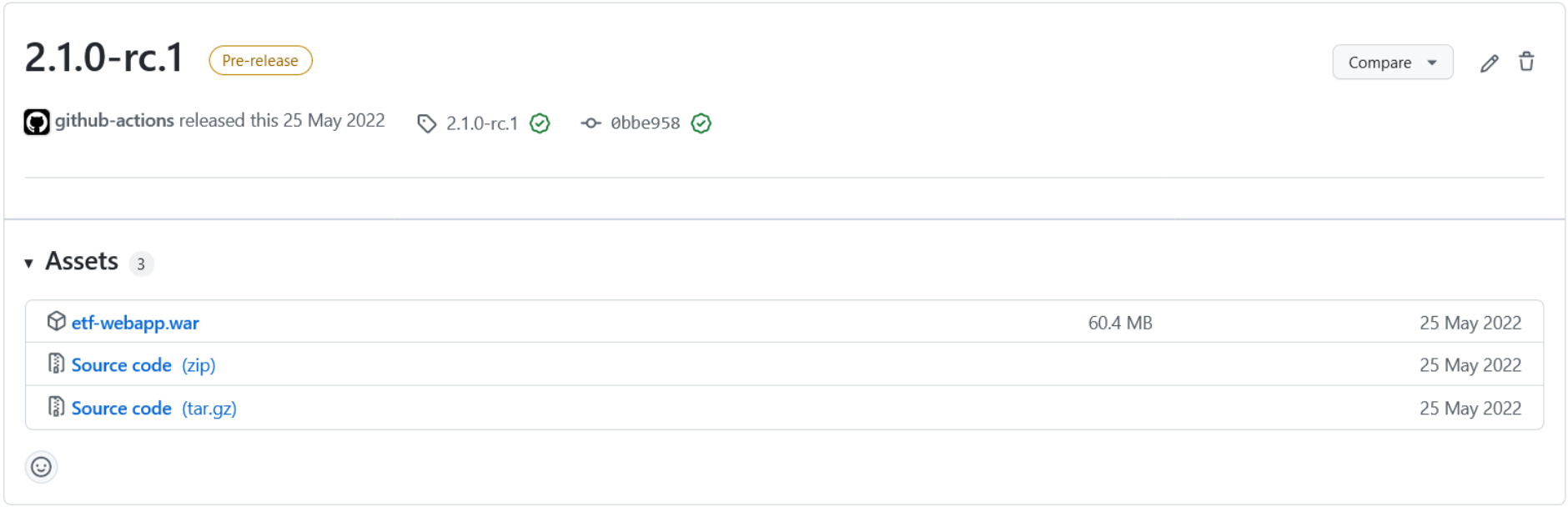
- Schema validation is now composed of 2 separate tests:
  1. (already existing) schema validation against the declared schema
  2. (new) schema validation against the latest INSPIRE official schema



https://github.com/INSPIRE-MIF/helpdesk-validator/discussions/765

ETF – new Release Candidate v.2.1

- Final release will be available soon:
  - changelog to be added
  - documentation (admin, developer, user) to be updated
- Many differences compared to the previous v.2.0!

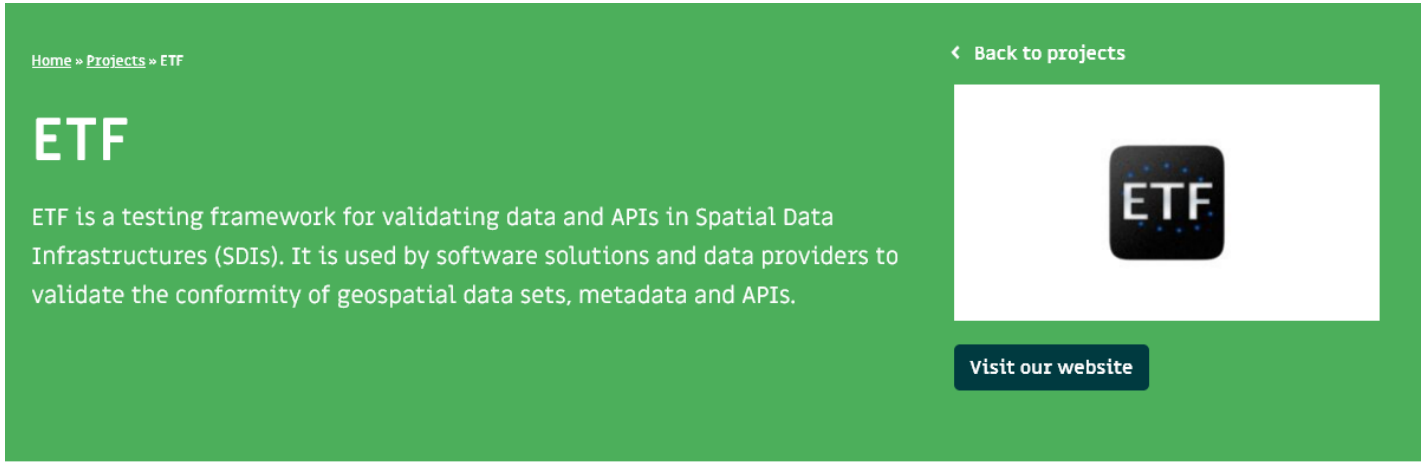


https://github.com/etf-validator/etf-webapp/releases/tag/2.1.0-rc.1

European Commission

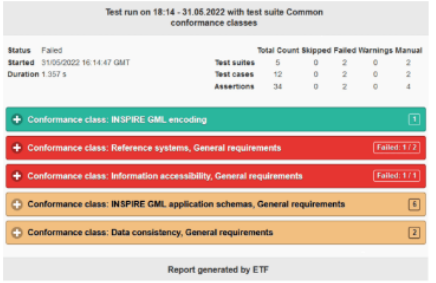
ETF – OSGeo Community Project (candidate)

- The ETF was submitted for acceptance as an OSGeo Community Project:
  - webpage on the OSGeo website created
  - pending approval from the OSGeo Incubation Committee and the OSGeo Board



Goals in designing the ETF software were to create test reports that are user-friendly and self-explanatory as well as to be able to validate large amounts of data, which can be several hundred GB in size. In order to cover different validation tasks and present them in a unified report, the architecture is modular and different test engines can be used. Currently the following test engines are supported: SoapUI for testing web services, BaseX database for testing XML data, TEAM Engine to validate WFS and OGC Web APIs using the OGC CITE tests, NeoTL Engine for testing WFS, OGC Web APIs and datasets.

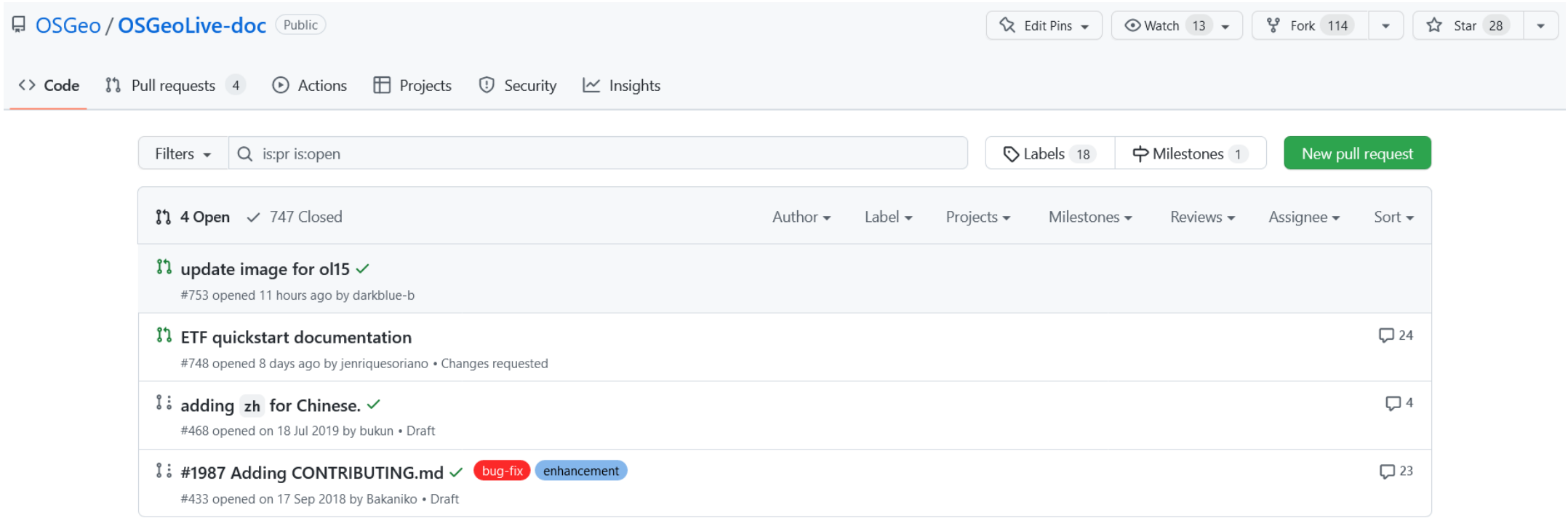
ETF is the underlying framework used by the INSPIRE Reference Validator to validate metadata, datasets and services against the INSPIRE requirements. ETF is also used extensively in Germany by the Surveying Authorities of the Laender to validate their datasets. Other European Union (EU) Member States are also reusing the ETF to allow their data providers to test resources against national requirements. Finally, some software tools include validation based on the ETF API in their workflow.



https://www.osgeo.org/projects/etf

ETF – OSGeo Live

- The ETF was submitted for inclusion in the OSGeoLive:
  - OSGeoLive PSC is currently voting for approval
  - installation script, overview & quickstart under preparation
- Call for translators open!



Thank you!

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