Use of the INSPIRE validator in ELS

INSPIRE KEN webinar ‘Validation of Inspire metadata, services and data’
26\textsuperscript{th} of June 2018

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ELS Platform Providing Tools and INSPIRE data from NMCA’s

- WMS and WFS services (+Metadata)
- 11 selected INSPIRE themes ‘NMCA typical’
- Currently approx. 90 services from 14 countries
  - Mostly WFS (75)
    - Approx. 120 Featuretypes provided
- Several tools in the ELS platform
  - Including the Validator
ELS – The Loop of Data supply processes

1. Data provider
2. Test and evaluation
3. Add to infrastr.
4. Products and user test
5. Quality test

Service information spreadsheets
Test results, decision
Security Manager, Showcase app
Part of Product

European Location Services

Validation

Issues Capacity, support

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Co-financed by the European Union
Connecting Europe Facility
Validation required in ELS – conformance classes

- Data and service providers to provide validation reports of
  - Metadata
  - Services
  - GML (Data Themes)

- The Tool now provides good functionality for these types of validation
  - User friendly reports, with direct references to INSPIRE Technical guidelines
  - Extended number of conformance classes
  - Basic validation of GML

- In addition close cooperation with OGC test suite development
The ELS Validator tool (since April 2018)

- The INSPIRE Validator is provided as a tool in the ELS Platform
  - Complementary to the INSPIRE original validator

- Main reasons for providing the tool
  - Allow validation of services with basic authentication
  - More ‘discrete’ report handling
  - Gain experience of the technology
    - Evaluate for use for national schemas
  - Support the INSPIRE Validator development community
Deploying the Inspire Validator in ELS

INSPIRE Executable Test Suite Repository

ETF Repositories

- Security Enhanced Linux extensions
- Deployment configuration extensions
- HTTP-Proxyserver extensions

ETF Enterprise Edition Software Repository

Package manager

ELS Validator
Start page and WFS test run configuration

Configure Test Run

**Label:** Test run on 06:02 - 26.06.2018 with test suite Conformance Class: Download Service

**Service URL:** http://

**Credentials**

- **Username:**
- **Password:**

**Selected Test Suites**

- Conformance Class: Download Service - Direct WFS (Version 1.0.2)

**Direct dependencies**

- WFS 2.0 (OGC 09-025r2/ISO 19142) Conformance Test Suite (Version 1.26.0)
Examples – Conformance classes, Data Themes

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<th>Start test</th>
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<th>Test reports</th>
<th>Help</th>
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<tr>
<td>Conformance class: Reference systems, Addresses</td>
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<tr>
<td>Data Theme: Administrative Units (Data Specification version 3.1)</td>
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<td>Conformance class: Application schema, Administrative Units</td>
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<td>Conformance class: Application schema, Maritime Units</td>
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<td>Conformance class: Data consistency, Administrative Units</td>
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<td>Conformance class: Reference systems, Administrative Units</td>
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<td>Data Theme: Cadastral Parcels (Data Specification version 3.1)</td>
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<td>Conformance class: Application Schema, Cadastral parcel</td>
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<td>Conformance class: Data consistency, Cadastral Parcels</td>
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<td>Data Theme: Geographical Names (Data Specification version 3.1)</td>
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<tr>
<td>Conformance class: Application schema, Geographical Names</td>
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ETF WebApp 2.0.0-b180223T0020 © 2017 European Union, interactive instruments GmbH

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Validator.locationframework.eu