



Making INSPIRE TGs more easy to read and maintain

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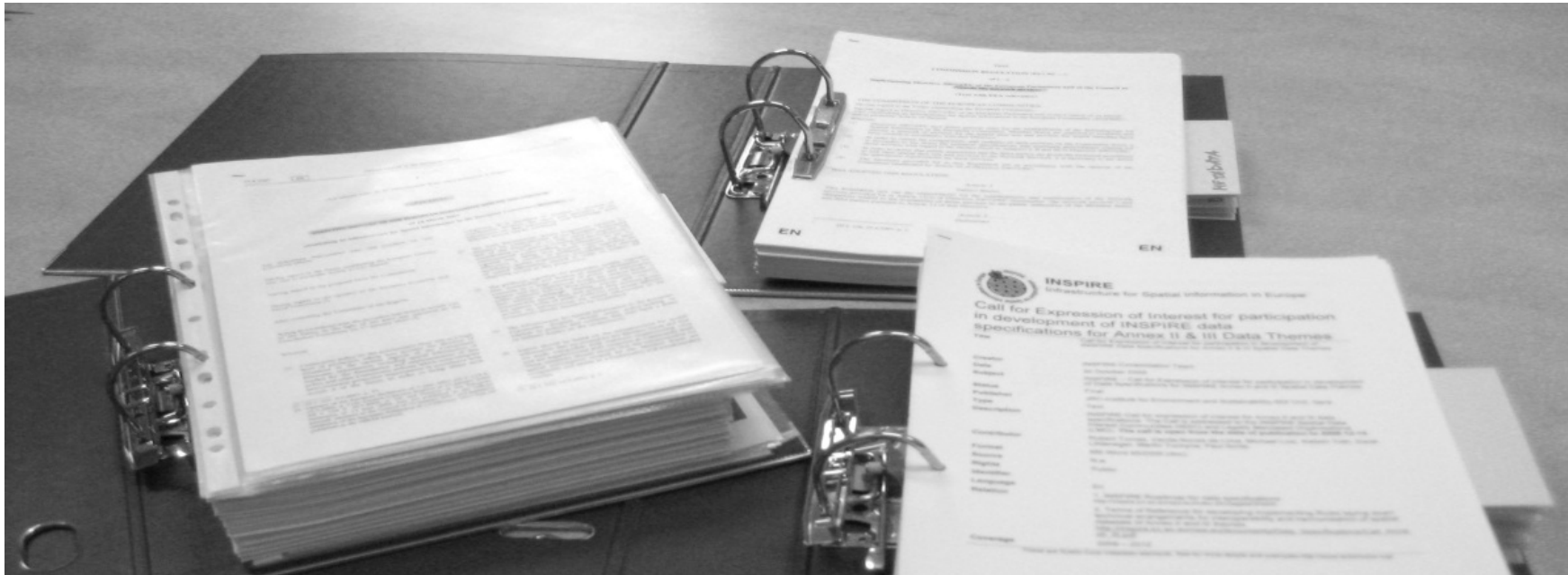
INSPIRE Conference, Strasbourg
6 September 2017



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The INSPIRE Technical Guidelines now ...



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The INSPIRE Technical Guidelines now ...

Intro Read/Compare Technical Guidelines Find your scope Favorites

Help us improving the Interactive Data Specifications toolkit! Please fill our quick survey at http://europa.eu

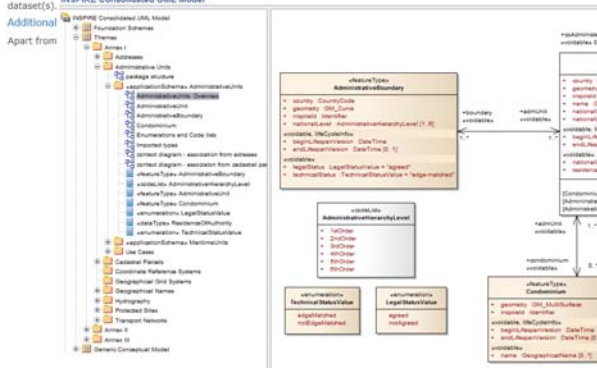
The application Find your scope supports data providers with identification of the INSPIRE spatial data themes and spatial object dataset(s) they administer. This application is foreseen to be useful especially in situations when datasets fall under two or more INSPIRE application schemas content. The application also serves as a catalogue of all objects defined by INSPIRE.

There are three possible ways for "finding your scope" or INSPIRE objects:



The main result

The main object dataset(s): INSPIRE Consolidated UML Model



European Commission > INSPIRE > Implement > Data Specifications > Themes > Administrative units

Home Learn Implement Participate Use Toolkit

Data Specifications > Themes > Administrative units

Administrative units - Annex 1

Navigation menu and content area for 'Administrative units' including links to 'INSPIRE Data Specification on Administrative Units - Technical Guidelines', 'Read/Compare Technical Guidelines', 'Registry entry for [Administrative units]', and 'Thematic Clusters Links'.

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INSPIRE code list register

Code Lists

Table with columns: Filter Label, Filter Application schema, Label, Themes, Application schema. Rows include Administrative Hierarchy Level, Baseline Segment Type, and Maritime Zone Type.

Items per page 50 Showing 1 to 3 of 3 entries (Filtered from 313 total entries)

Abstract Test Suite: Data Specification on Administrative Units (DRAFT)

The Data Specification on Administrative Units - Technical Guidelines (version 3.1) and the associated GML application schemas (versions 3.0 and 4.0) specifying requirements for the interoperability of spatial data sets of the data theme Administrative Units.

The specification specifies the following conformance classes:

Table with columns: Conformance class, Standardization target. Rows include GML application schemas, Data Consistency, Application Schema, Portrayal, Reference Systems, and Information Accessibility.

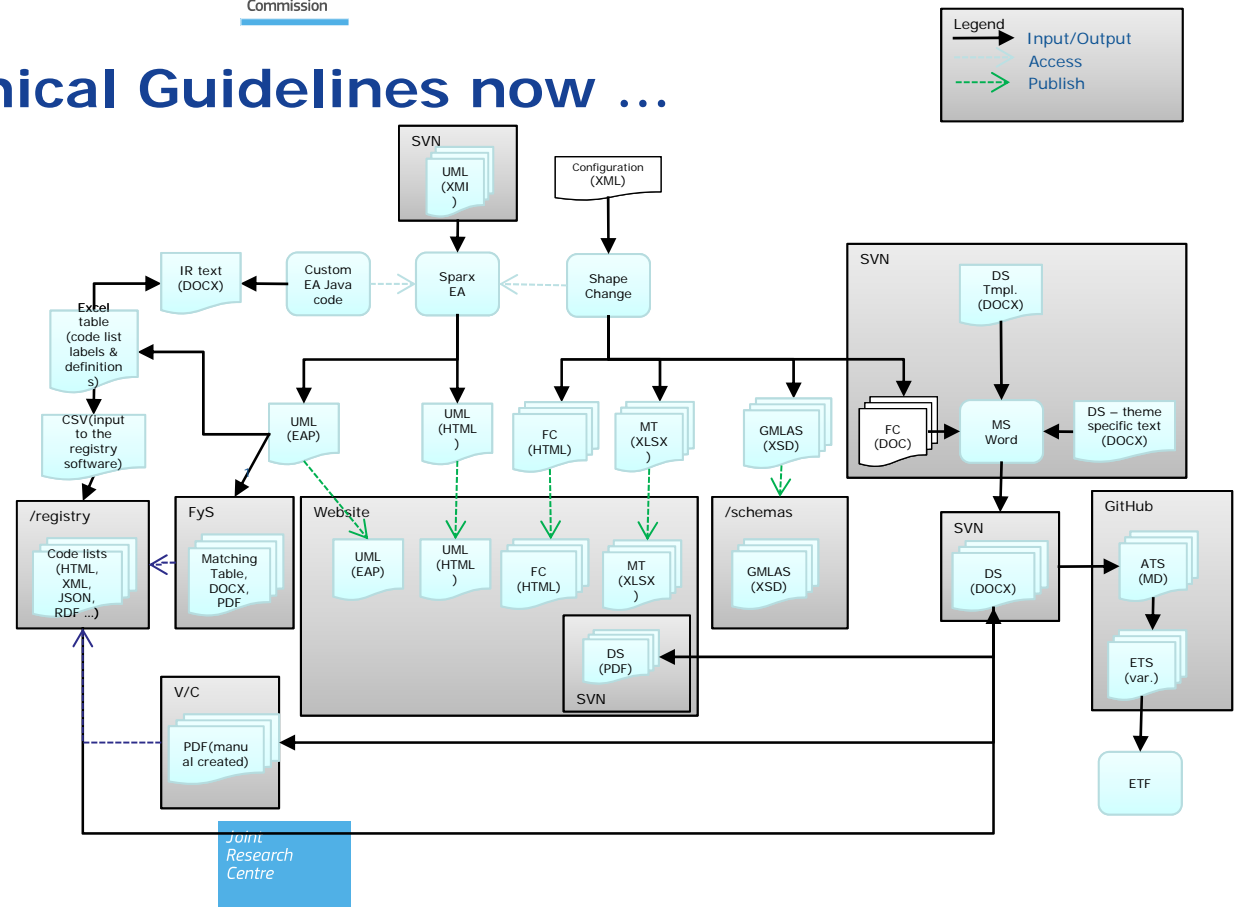
Approach

We have used the following approach to represent the Abstract Test Suite based on the annex in the data specification and the approach taken by the MNW-5 group for the metadata for interoperability conformance class:

- 1. There is one GML conformance class per application schema with non-abstract spatial object types. This is basically the "encoding schema validation test" from the TG conformance class in the data specifications.

The INSPIRE Technical Guidelines now ...

- Difficult to keep all representations consistent when making updates





... and what they could look like in the future

- Modular structure
- Content managed in an online repository
- Simple editing, reuse and discussions for endorsing change requests
- Automated creation of different document versions from atomic text building blocks
- Change once and propagate to all representations
- Demonstrator
 - <https://tinyurl.com/inspire-tg-au>

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A screenshot of a GitHub pull request interface. The title is "Implementation of issue 2573 #1". The pull request is from user "jensscheerlinck" to the "master" branch. A comment from "jensscheerlinck" dated 3 days ago discusses the INSPIRE CountryCode code list, mentioning an external link and a TG add additional section. A "Review requested" notification is visible, stating "Review has been requested on this pull request. It is not required to merge." Below the comment, there is a text input field for writing a comment.

Implementation of issue 2573 #1

Open jensscheerlinck wants to merge 1 commit into master from issue-2573

Conversation Commits Files changed

jensscheerlinck commented 3 days ago

The INSPIRE CountryCode code list does not contain any value, instead it refers to an external link [http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Glossary:European_Union_\(EU\)](http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Glossary:European_Union_(EU)), where you can search for the country codes. According to the implementing Rules, which refer (Sec. 4.2) to the Interinstitutional style guide published by the Publications Office of the European Union, the External Reference Link for the CountryCode code list should be <http://publications.europa.eu/code/en/en-5000600.htm>, a more useful link directly providing the 'Country and territory codes' table.

In the TG add additional section "Externally governed code lists" as in framework document "INSPIRE DS template v3.Orc3" (section 5.3.3)

Implementation of issue 2573

jensscheerlinck requested a review from carmenvandelo 3 days ago

Add more commits by pushing to the `issue-2573` branch on `pwc-technology-be/inspire-cr`.

Review requested
Review has been requested on this pull request. It is not required to merge. [Learn more.](#) [Show all reviewers](#)

This branch has no conflicts with the base branch
Merge can be performed automatically.

Write about updates through log trails



... and what they could look like in the future

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WORK IN PROGRESS



Read the long version of this Data Specification

Different versions for different audiences



INSPIRE
Infrastructure for Spatial Information in Europe

D2.8.I.2 INSPIRE Data Specification on Administrative Units - Technical Guidelines

Title	D2.8.I.2 INSPIRE Data Specification on Administrative Units - Technical Guidelines
Creator	INSPIRE Thematic Working Group Administrative Units

Joint Research Centre

INSPIRE code list register

Search...

Code Lists

Filter Label	adminis	Filter Application schema		Filter Parents		Filter Status	
Label	Themes	Application schema	Parents	Status			
Administrative Hierarchy Level	Administrative units	Administrative Units		Valid			
Baseline Segment Type	Administrative units	Maritime Units		Valid			
Maritime Zone Type	Administrative units	Maritime Units		Valid			

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Abstract Test Suite: Data Specification on Administrative Units (DRAFT)

The Data Specification on Administrative Units – Technical Guidelines (version 3.1) and the associated GML application schemas (versions 3.0 and 4.0) specifying requirements for the interoperability of spatial data sets of the data theme Administrative Units.

The specification specifies the following conformance classes:

Conformance class	Standardization target
GML application schemas, Administrative Units	INSPIRE spatial data set encoded in GML, Administrative Units features
Data Consistency, Administrative Units	INSPIRE spatial data set
Application Schema, Administrative Units	INSPIRE spatial data set
Application Schema, Maritime Units	INSPIRE spatial data set
Portugal, Administrative Units	INSPIRE view service
France, Administrative Units	INSPIRE view service
Italy, Administrative Units	INSPIRE application schema

Approach

The approach for the development of the INSPIRE Data Specification on Administrative Units is based on the approach taken by the MWGP group for the metadata for interoperability conformance class.

1. There is one (1) conformance class per application schema with two distinct spatial object types. This is basically the "metadata for interoperability conformance class" approach taken by the MWGP group for the metadata for interoperability conformance class.

Links to other resources and tools on the INSPIRE KB



Discussion

- Is this work adding value?
- Which additional representations (and for which readership) should be created?
- What features or functionalities should be supported?
- What implications would such a new approach have for the Maintenance workflow?
- Do you see a potential for reuse in other contexts?