INSPIRE LATEST NEWS & ACTIVITIES

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Agenda

1. Revision of IR on data interoperability
2. Activities on simplification of INSPIRE Implementation
3. Proposed amendment regarding view services

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1.0 Revision of IR on data interoperability

Amendments

1. Replacing the explicit mentioning **of code list and enumeration values** in the IR text with **a reference to the INSPIRE registry**, where these values are now managed, under the governance of the MIG;
2. A **clarification on provision of values for voidable attributes** and those attributes for which no value may exist (minimum multiplicity 0);
3. A mechanism to allow additional coordinate reference systems,under the governance of the MIG.

1.1 Revision of IR on data interoperability

Indicative planning:

1. ISC (10 –15 days) (June/July 2021)
2. 4 weeks public consultation (July –Augustus 2021)
3. INSPIRE Committee (September 2021) + vote (in Committee or written procedure)
4. Translation in all EU languages (October 2021)
5. Scrutiny by co-legislators (3 months, starting when all language versions are available in the comitology register, ends earliest in January 2022)
6. Adoption by the College. (earliest February 2022)

1.2. Update : the code list and enumeration values

Rationale:

1. In order to **facilitate semantic interoperability**, the **use of common terminology** is embedded directly in the IRs by defining the code lists and their values that shall be used for certain attributes of spatial objects;
2. Since **domain terminology evolves in time**, INSPIRE code lists/values changes are frequently proposed and further change proposals can be envisioned also for the future;

The IR amendment : **remove all references to code list values** and replace them with:

1. a statement that the allowed values and extensibility of each code list are **specified in the INSPIRE Registry** operated by the EC o a requirement that all changes to the Registry **be endorsed by the MS expert group on** INSPIRE MIG
2. **All data specifications will be amended accordingly**

1.3. Update: the complex principle of “voidable” attributes

Rationale:

1. Attributes with multiplicity [0..1] not marked as voidable , these attributes are mandatory according to the Implementing Rules

   Ex: In some data models (e.g. for Statistical Units and Population Distribution & demography)

2. Voidable means that they do not have to be filled in if the value does not exist

The IR amendment :

- Remove the notion of “voidability” from the IR,
- Article 4(2) is reworded in order to clarify that MS do not have to provide property values if they do not exist (in the real world).

1.4. Allowing National Coordinate Reference Systems

Rationale:

Large volume (raster) data are produced in national CRS (Ortho & EL), the transformation of large volume of data (e.g. ortophotomaps or DTM) to CRS required by INSPIRE generates **unnecessary data duplication (by ATOM feed) and is very time consuming**.

IR Amendment:

Allow other CRSs to be endorsed by the MIG and their management in a CRS register containing the CRS's identifiers and their geodetic codes and parameters needed to describe them and to allow conversion and transformation operations (would need to be implemented in widely available tools or libraries)

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2.1 Simplification of INSPIRE Implementation (WP Action 2.3)

Aims:

- To review and revise the existing technical guidelines, UML models and application schemas without introducing changes that not aligned with the INSPIRE Irs:

- To agree on a simplification approach for data-service linking and update the existing metadata TG accordingly.

- **Elaboration and submission of an INSPIRE Good Practice ex:** Geopackage, GeoJSon as alternative or additional encoding

Led by the JRC, with contribution by the MIG-T, European Commission DGs and the EEA. Temporary sub-groups and networks of experts

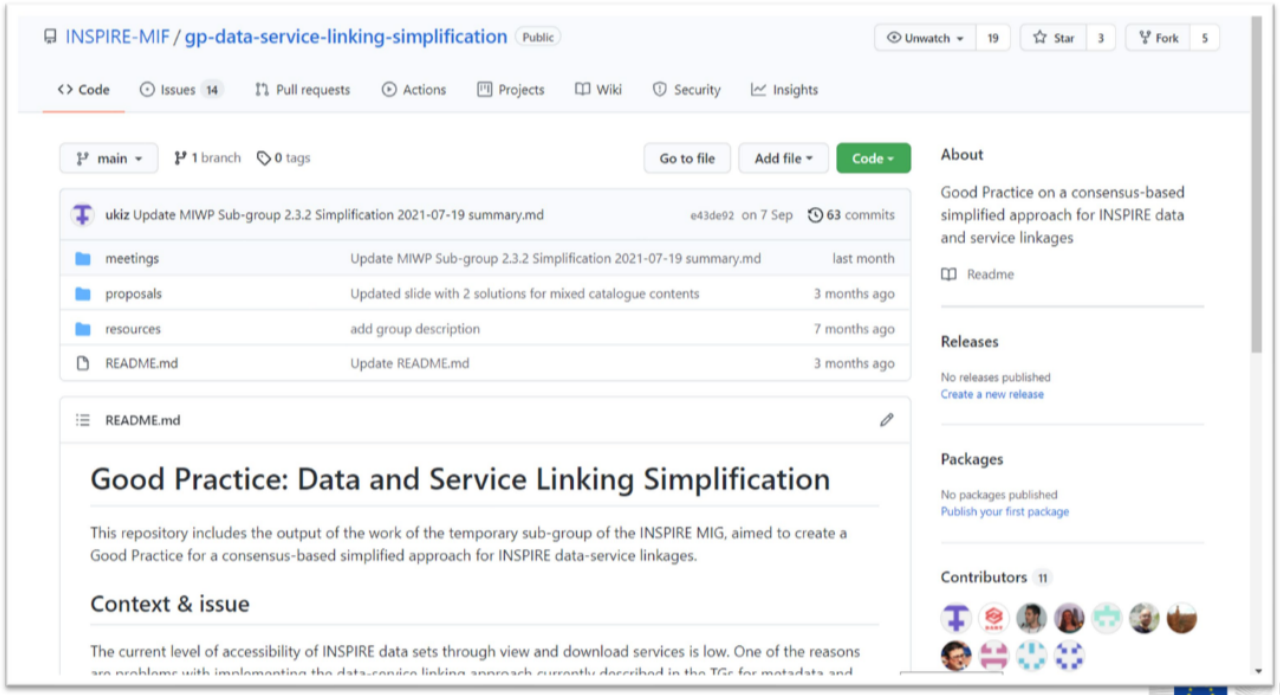
2.2 Simplification of INSPIRE Implementation (WP Action 2.3)

Some results to submit as good practices

- To agree on a simplification approach for data-service linking and update the existing metadata TG accordingly.

- Consensus-based simplified approach for data and service linkages
- Proven to be implementable by de facto standard web applications
- An alternative to the current approach, to be used in parallel

GitHub space https://github.com/INSPIRE-MIF/gp-data-service-linking-simplification



European Commission

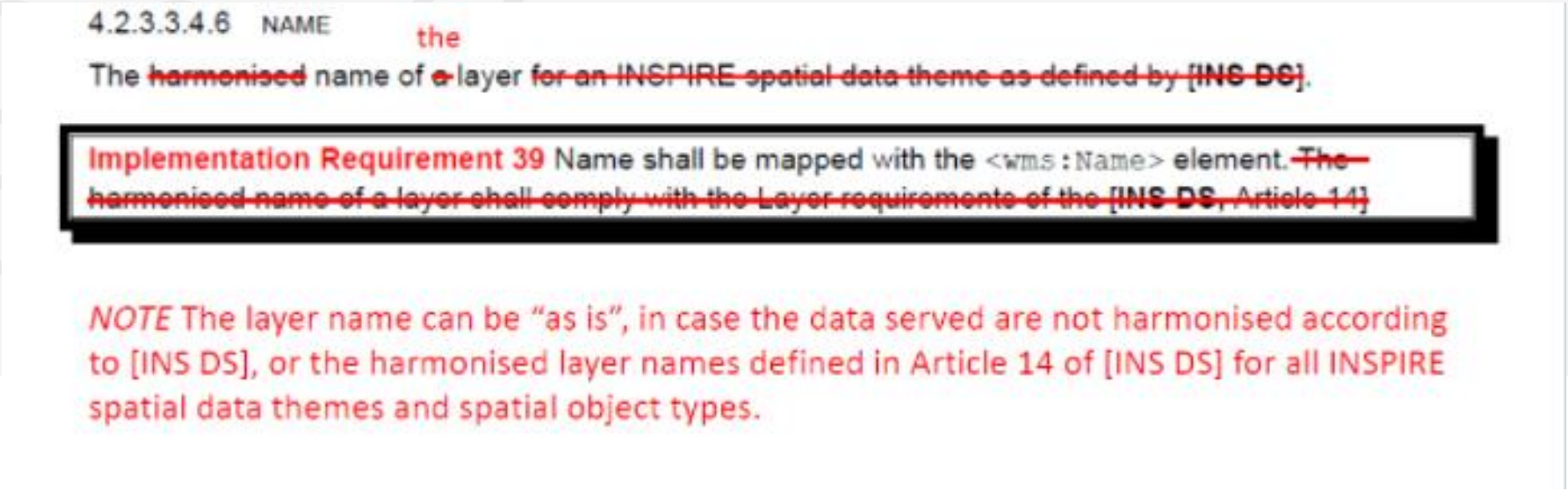
3. Proposed amendment in INSPIRE view services TG

Rationale:

To adapt the INSPIRE view services to non INSPIRE data.

The harmonised name of a layer shall comply with the layer requirements of the the INSPIRE DS.

Proposed Amendment:



4.2.3.3.4.6 NAME

The ~~harmonised~~ name of ~~a~~ the layer ~~for an INSPIRE spatial data theme as defined by [INS DS]~~.

Implementation Requirement 39 Name shall be mapped with the `<wms:Name>` element. ~~The harmonised name of a layer shall comply with the Layer requirements of the [INS DS, Article 14]~~

NOTE The layer name can be "as is", in case the data served are not harmonised according to [INS DS], or the harmonised layer names defined in Article 14 of [INS DS] for all INSPIRE spatial data themes and spatial object types.

For info : on github

How to submit change proposal :

application-schemas/process.md at main · INSPIRE-MIF/application-schemas · GitHub

INSPIRE Maintenance and Implementation · GitHub (for change proposal or issues)

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