



MIWP Sub-group 2.3.2: Simplification of Data and Service linking

JRC INSPIRE Team

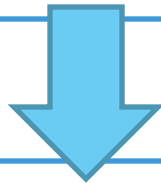


66th MIG-T Meeting, 8-9 July 2021

Data and service linking

Current approach (as per TGs):

- complicated and partly ambiguous
- duplication of information



Low level of accessibility of INSPIRE data sets through view and download services



Negative impacts on the overall usability of the INSPIRE infrastructure - Monitoring indicators

Scope of work

- Elaboration and submission of an **INSPIRE Good Practice**
- 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**

Outside the scope (should happen at a later stage):

- Update of the current TGs
- Abstract and Executable test suites of INSPIRE Reference Validator

Sub-group Activity

- 16 experts from 13 Member States:
AT, CZ, DE, DK, EL, ES, FR, IT, LT, NL, PL, SE, SK
- 3 meetings held
- Starting point - Discussion Paper from Action 2019.2
- Collaboration in the dedicated GitHub space

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


INSPIRE-MIF / gp-data-service-linking-simplification

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main 1 branch 0 tags

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 dartasensi Minor updates on the presence of applicationProfile ...	788b7ad on 4 Jun	🕒 56 commits
meetings	Merge branch 'main' of https://github.com/INSPIRE-MIF/gp-dat...	last month
proposals	Minor updates on the presence of applicationProfile	last month
resources	add group description	4 months ago
README.md	Create README.md	4 months ago

☰ README.md

Good Practice: Data and Service Linking Simplification


This repository includes the output of the work of the temporary sub-group of the INSPIRE MIG, aimed to create a Good Practice for a consensus-based simplified approach for INSPIRE data-service linkages.

Context & issue

The current level of accessibility of INSPIRE data sets through view and download services is low. One of

About

Good Practice on a consensus-based simplified approach for INSPIRE data and service linkages

 [Readme](#)

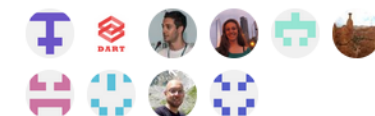
Releases

No releases published
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Contributors 10



Indicative roadmap

Task	March	April	May	June	July	November
Collect proposals for technical approaches	X					
Evaluate the advantages and disadvantages of the proposals		X	X			
Draft a Technical Guideline proposal			X	X		
Set up a showcase discovery service			X	X		
Present the results at 66 th MIG-T meeting					X	
Submit Good Practice for endorsement at 14 th MIG meeting						X

Sub-group Activity

- 4 proposals for technical approaches – inline with the Discussion Paper
- Proposal for the consolidated approach drafted by the JRC
- Many issues under discussion in the GitHub space

GitHub space - collection of proposals

INSPIRE-MIF / [gp-data-service-linking-simplification](#)

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dartasensi Minor updates on the presence of applicationProfile ...

on 4 Jun [History](#)

..

FRA

Add FRA initial proposal

3 months ago

JRC

Minor updates on the presence of applicationProfile

last month

Discussion Paper on data-service linki...

Add files via upload

3 months ago

NL.md

Duth proposal

3 months ago

Service_Linking_Lithuania.md

Update Service_Linking_Lithuania.md

3 months ago

Spain_Linking_Simplification.md

Update Spain_Linking_Simplification.md

3 months ago


template.md



Update template.md




4 months ago

GitHub space – consolidated proposal 1st draft

main ▾ gp-data-service-linking-simplification / proposals / JRC / Consolidated_proposal.md Go to file ⋮

 **dartasensi** Minor updates on the presence of applicationProfile ... Latest commit 788b7ad on 4 Jun 🕒 History

👤 2 contributors  

☰ 329 lines (268 sloc) | 15.2 KB Raw Blame   

Data and Service Linking Simplification - Consolidated Proposal

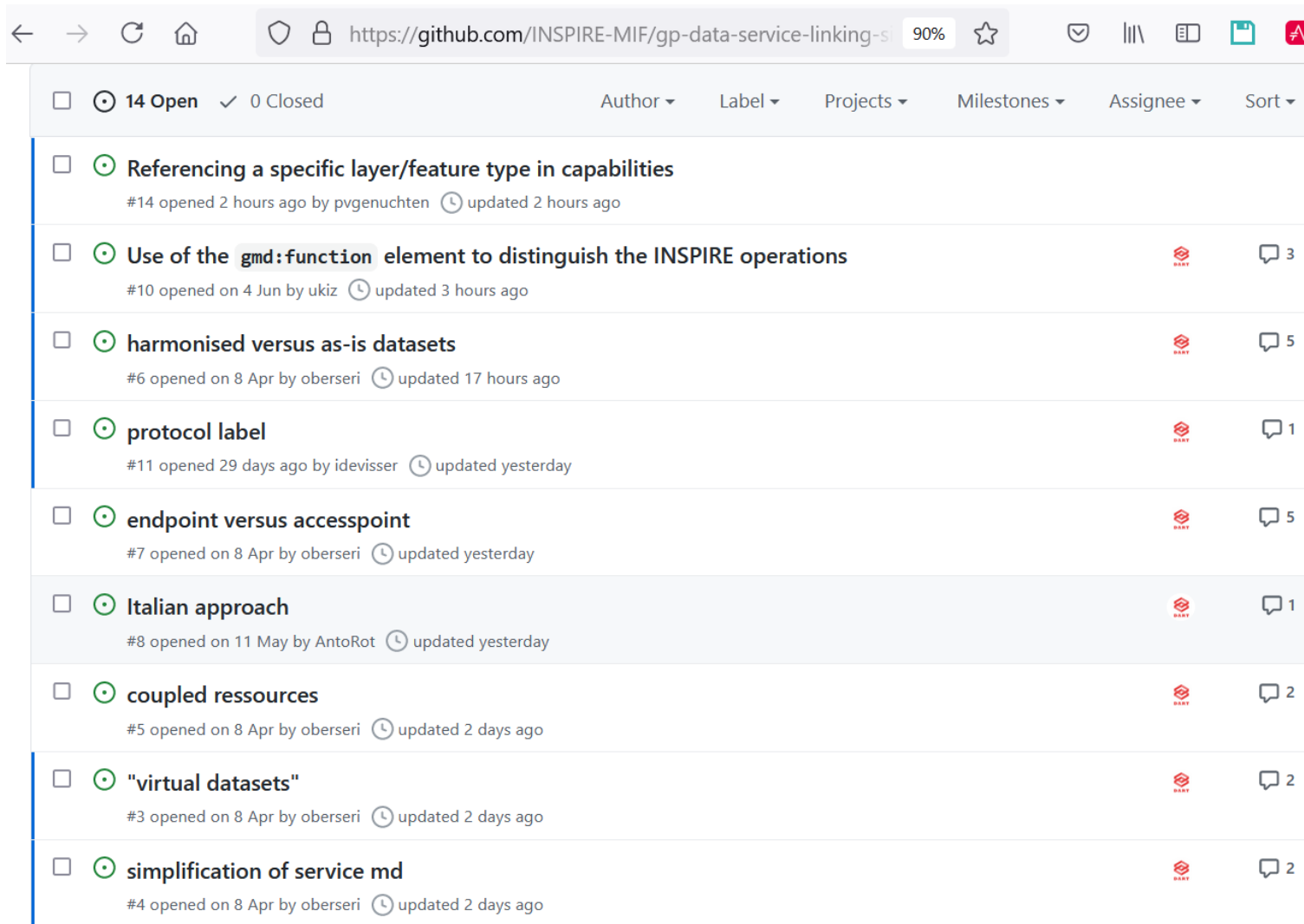
Introduction

Author: EC JRC based on input from INSPIRE MIWP sub-group 2.3.2.

Short description: This is a consolidated proposal, based on the collection and comparison of proposals received from the contributing Member State representatives (NL, FR, ES, LT) of the sub-group.

This proposal implements the requirements and recommendations as initially described in the [Discussion Paper on possible simplification of data-service linking in INSPIRE](#) and further improved by the subsequent [proposals for the simplification approach](#) made by the members of the sub-group. The reference for the metadata specification used in this proposal is the [INSPIRE Technical Guidance document version 2.0.1](#).

GitHub space - discussion



The screenshot shows a web browser window displaying a GitHub Issues page. The address bar shows the URL <https://github.com/INSPIRE-MIF/gp-data-service-linking-s> with a 90% zoom level. The page header indicates 14 Open issues and 0 Closed issues. Below the header, there are filter options for Author, Label, Projects, Milestones, Assignee, and Sort. The main content area lists 10 issues, each with a title, a number, and a comment count. The issues are:

- Referencing a specific layer/feature type in capabilities**
#14 opened 2 hours ago by pvgenuchten updated 2 hours ago
- Use of the `gmd:function` element to distinguish the INSPIRE operations**
#10 opened on 4 Jun by ukiz updated 3 hours ago 3 comments
- harmonised versus as-is datasets**
#6 opened on 8 Apr by oberseri updated 17 hours ago 5 comments
- protocol label**
#11 opened 29 days ago by idevisser updated yesterday 1 comment
- endpoint versus accesspoint**
#7 opened on 8 Apr by oberseri updated yesterday 5 comments
- Italian approach**
#8 opened on 11 May by AntoRot updated yesterday 1 comment
- coupled ressources**
#5 opened on 8 Apr by oberseri updated 2 days ago 2 comments
- "virtual datasets"**
#3 opened on 8 Apr by oberseri updated 2 days ago 2 comments
- simplification of service md**
#4 opened on 8 Apr by oberseri updated 2 days ago 2 comments

Next steps

- Update of the consolidated proposal.
 - While the update will consider all points raised via GitHub issues, it will probably not be possible to satisfy all requests put forward by the experts.
- Approval of the proposal during the next meeting by mid-July.
- Set up a showcase implementation.
 - The proposal was initially tested using the existing GeoNetwork implementation.

Thank you!



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