

05 June  
2025

# The Interoperability Assessment Vocabulary

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DIGIT - Interoperability.

interoperable  
europe

# Workshop practicalities

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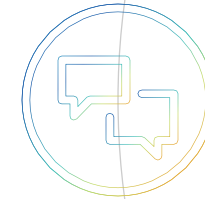
## **Audio**

Click on 'connect audio' but please mute your microphones



## **Chat**

You can also share your questions for the Q&A session via the chat



## **Recording**

The workshop will be recorded



# Objectives of this webinar

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01

## **Overview of Use Cases**

What are the use cases that are currently logged on GitHub?

02

## **Proposed additions**

What can be done to address the use cases?





# Overview of use cases

# Use case sources

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01

## **Working group**

These Use Cases originate from you during webinars or on GitHub (17 UC)

02

## **EU Report**

Stemming from:

**Final report on the study supporting the implementation of interoperability assessments in EU public administrations** (9 UC)



# Use Cases sorted

Based on the needs of each Use Case they are sorted into 1 of 3 groupings:



**Covered:** These Use Cases would be covered once this vocabulary is finalised and implemented in the portal with an associated API. (12 UC)

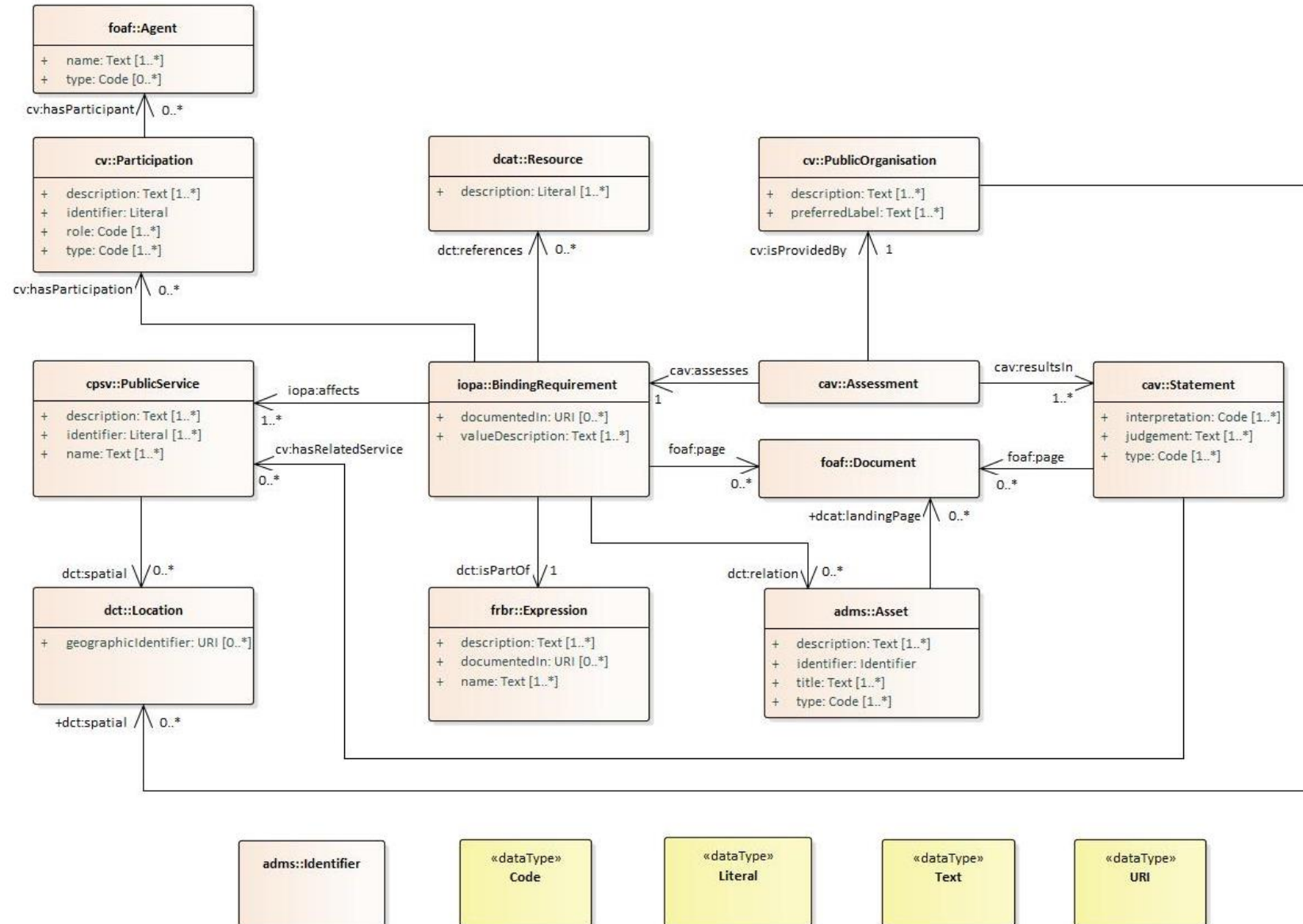


**Out of Scope:** These Use Cases are valuable but require action from another team. Where possible we will provide guidance to implement these with what exists. (6 UC)

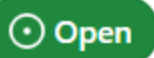


**To Be Implemented:** These Use Cases require semantic changes or additions to the model. (8 UC)

# IOP Assessment's current data model



# Covered Use cases: part 1

-  [Use case] Best practice example repository #1
-  [Use case] Automatic submission as part of a unified lawmaking process #2
-  [Use case] Sharing Assessments from national portals over API #5
-  [Use Case] Automatically Publishing IOP Assessments #12
-  [Use Case] Analytics on Interoperability within EU Member States #13
-  [Use Case] Utilising the IOPA Report Repository #22
-  [Use Case] Ability to leave feedback and comments on published IOPA reports under the report repository #27

## Covered on the portal:


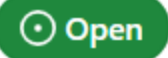

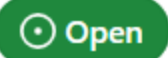



These use cases can be implemented with the current model if implemented on the portal with a corresponding API and unique identifiers.

**(!) Point of attention** – The use case will be kept and transferred to the portal team.



# Covered Use cases: part 2

-  [Use Case] Interest in a Data Model for Publishing Assessments #11
-  [Use Case] Interest in Reusing Existing Vocabularies #15
-  [Use Case] Data Model Enabling Objective Assessments #16
-  [Use Case] Monitoring Uptake through IOP Assessment Reports #17
-  [Use Case] Better Links to Concrete Stakeholders and Identifier Systems #20

## Covered in current model:



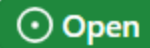
These use case can be implemented with the current model.

### (!) Point of attention –

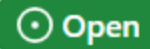
Implementing The use case may not all be straight forward guidance will need to be provided.

(!) They need to be considered with further model development.

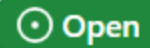
# Out of Scope: Catalogue of Services (CoS)



[Use Case] Linking IOP Assessments with Public Service Feedback #10



[Use Case] Developing a Trans-European Digital Public Service Check #23



[Use Case] Adding a Trans-European Catalogue of Public Service #24



## Issues transferred to CoS action:




These use case require an update to CPSV-AP and a particular usage of CoS. They will be attached to the upcoming CPSV-AP webinar

**(#10)** – Consistent usage of identifiers in feedback and IOPA pointing to a CoS is needed.

**(#23)** – Identifying the need for IOPA is out of scope but benefit from #24.

**(#24)** – An additional property is to be added to cpsv:PublicService and integrated with CoS.

# Out of Scope: remainder

	[use case] assessment data to help searchability on the Interoperable Europe Portal #8
	[Use Case] data model allows for reuse of domestic assessment data #9
	[Use Case] Having a Centralised Repository of Binding Requirements #25

## Issues transferred to other actions:



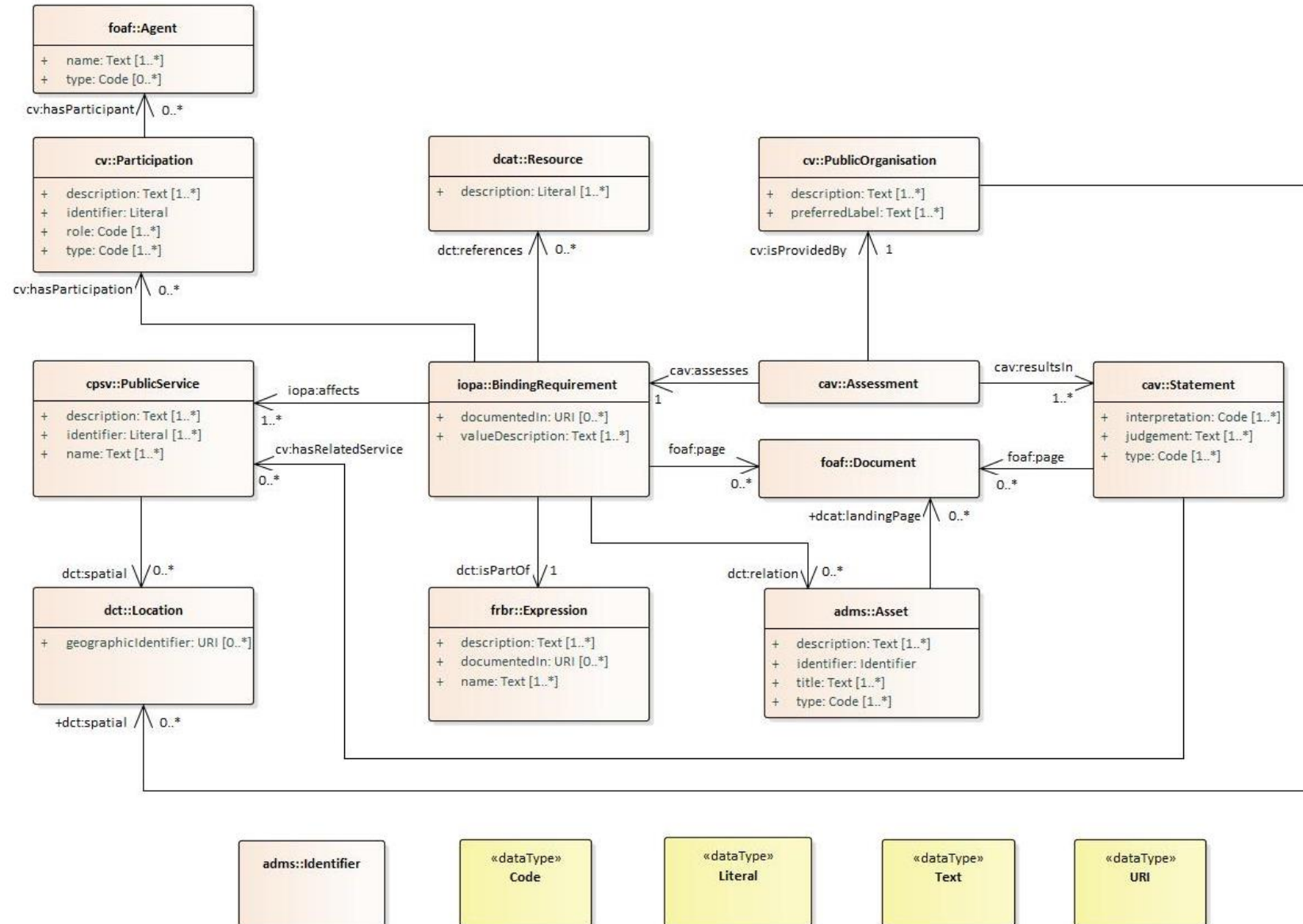
These use case require action by other parties and have been transferred.

**(#8)** – Current model and the to be implemented changes can be leveraged by the portal team.

**(#9)** – What is specified here falls under the pre-assessment.

**(#25)** – Unique identifiers are to be used for iopa:BindingRequirements. Centralising and managing the identifiers is left to implementers.

# IOP Assessment's current data model

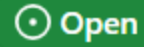




Use cases To be  
implemented



# Building Statistics Based on Different Levels #14



## [Use Case] Building Statistics Based on Different Levels #14

As a data analyst, I want to build statistics based on **country, organisational, or administrative level** data to better understand interoperability dynamics. This will help pinpoint specific areas that can benefit from targeted interventions.

### Proposal:



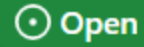
**Align with CPOV-** use OP's code lists:

- [Organization Type](#) and
- [Administrative territorial unit type](#)
- [Administrative territorial unit](#)

### cv::PublicOrganisation

- + `classification: Code [0..*]`
- + `description: Text [1..*]`
- + `preferredLabel: Text [1..*]`
- + `spatial: Location [0..*]`

# implementers reusing data from assessment reports to design their systems



Open

[use case]implementers reusing data from assessment reports to design their systems #7

As an implementer I want to be able to reuse data from applicable Assessments created on different levels. I want to be able to filter on **topic** and **location**.

## Proposal:



**Align with CPOV–**

See previous.

**Align with CPSV-AP–**

Introduce

cpsv:PublicService.thematicArea

**cpsv:PublicService**

- + description: Text [1..\*]
- + identifier: Literal [1..\*]
- + name: Text [1..\*]
- + thematicArea: Code [0..\*]

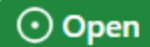


thematic area Code

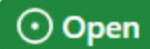
0..\*

The Thematic Area of a Public Service.

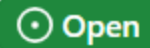
# Use Cases for EIF and EIRA



[use case] Use Cases for Data Fields Related to Barriers #18



[Use Case] Documenting IT Infrastructure Architecture#21



[Use Case] An EIF Checklist to assess cross-border interoperability effects #26

## Proposal:

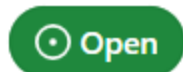


Add relation to

-EIRA's Controlled Vocabulary:  
<http://data.europa.eu/dr8/>

- Reuse the portal's EIF perspective

# Legal Context



[Use case] Cascading Interoperability requirements #3



[Use Case] Contextualisation of IOP Assessment origins #6



[Use Case] Importance of Context and Relevant Legislation #19

## Proposal:



### Align with ELI

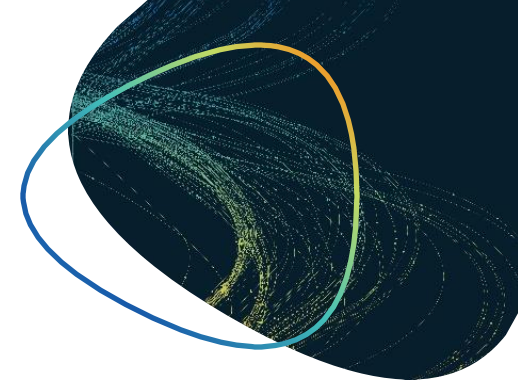
- For the sake of cascading legislation introduce `eli:LegalExpression` as an alternative to `frbr:Expression`. Leave the cascading implicitly inherited from ELI
- Allow `frbr:Expression` for `bindingRequirements` originating from outside of the ELI ecosystem



# Next Steps



# About data spaces: legal framework



# Immediate next steps



Block your agenda for the next sessions 10 July 2025 10:00-12:00



Review the resolution and comment on GitHub

A complex network graph visualization on a dark blue background. A central hub of orange nodes is connected by numerous lines to a vast, radiating network of green and blue nodes. The lines are thin and light blue, creating a starburst effect. The text "Thank you" is centered over the orange hub.

Thank you



# interoperable europe

innovation ∞ govtech ∞ community

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touch



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[DIGIT-INTEROPERABILITY@ec.europa.eu](mailto:DIGIT-INTEROPERABILITY@ec.europa.eu)



<https://joinup.ec.europa.eu/collection/interoperable-europe/interoperable-europe>