



EFIR Workshop (Webinar) – 2nd session

Gathering requirements for the extended federation of interoperability assets

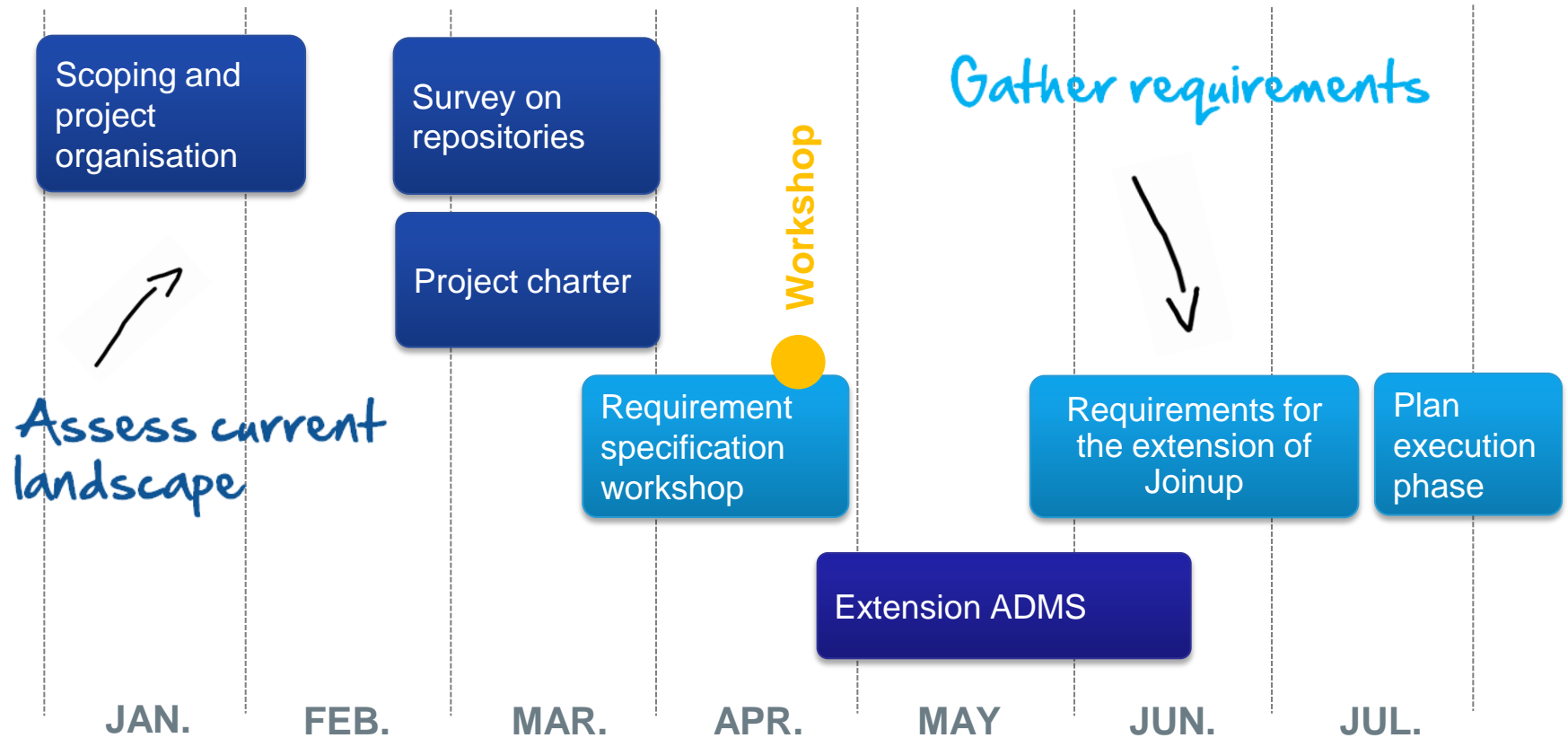
Alice Vasilescu & Saky Kourtidis – PwC EU Services

24 April 2013



Workshop Objectives

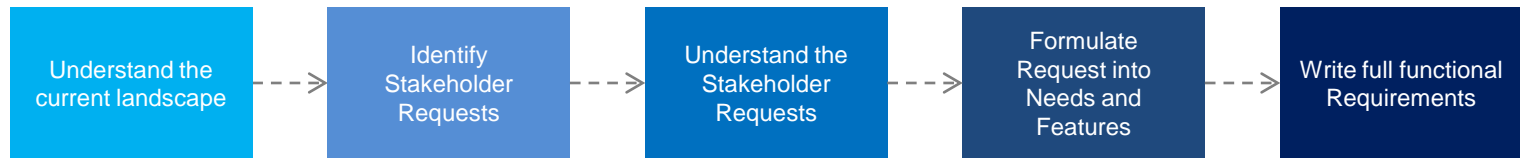
Where does the workshop fit in the project?



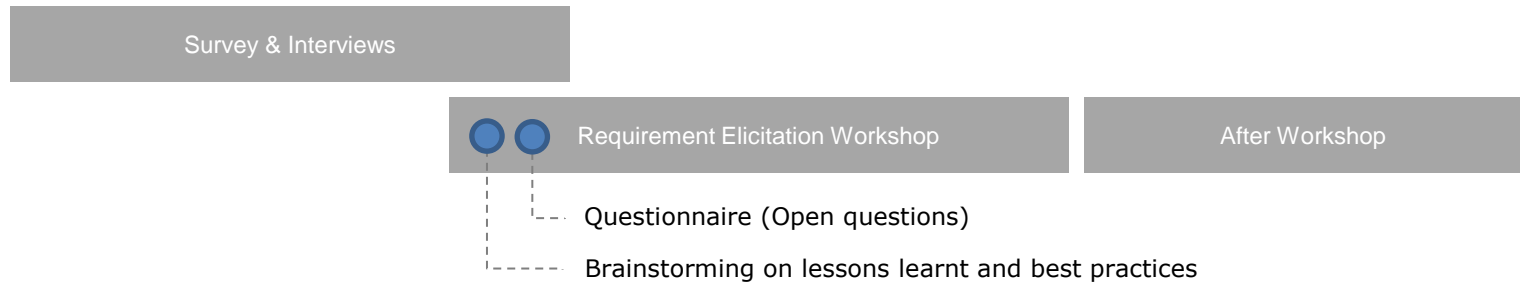
Requirement Gathering Technique



Objective



Technique



2 Workshop Structure

Workshop Structure



Webinar session 1

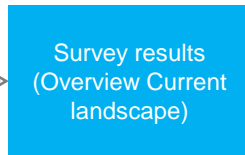
Webinar session 2

After workshop

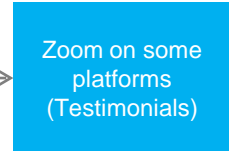
Presentation 1



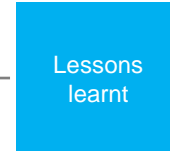
Presentation 2



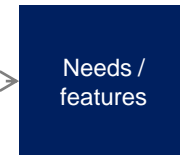
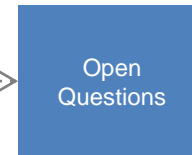
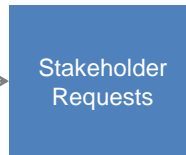
Presentation 3



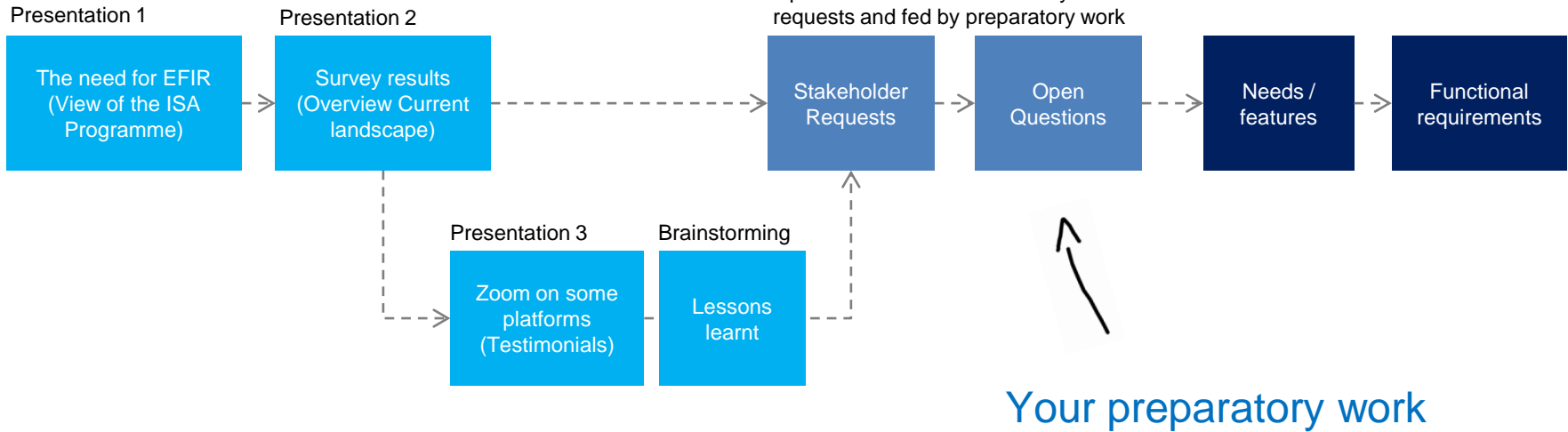
Brainstorming



Open discussions structured by
requests and fed by preparatory work



Your preparatory work



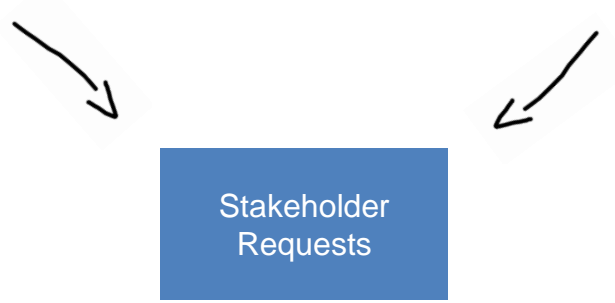
How are open questions structured?



Functional requirements

- Business processes
- Business entities
- Business rules
- Use cases
- Existing systems

Non-functional requirements



Stakeholder Requests

The diagram illustrates the flow of requirements. On the left, under the heading "Functional requirements", there is a bulleted list of five items: Business processes, Business entities, Business rules, Use cases, and Existing systems. On the right, under the heading "Non-functional requirements", there is no text. Two hand-drawn black arrows point from the "Functional requirements" list and the "Non-functional requirements" heading towards a central blue rectangular box labeled "Stakeholder Requests".

Method for gathering requirements



QUESTION

The facilitator presents a request

DISCUSSION

The group discusses based on the preparatory work

PRIORITIZATION

When possible the group votes the priority of the request

FORMALISATION

We will formalise the request to be transformed as need/feature

3 Stakeholder requests

List of stakeholder requests collected so far



Request

Source

Derived from use cases

- R1: The users should be able to discover related assets.
- R2: The users should be able to discover interoperability assets and / or solutions that are defined as success stories
- R3: The users should be able to discover common services

	DE	EE	ES		MT	
BE	DE	EE		FI	MT	
BE	DE	EE	ES	FI	MT	UK

Additional comment

- R3(bis): The users should be able to discover shared services
- R4: The users should be able to search for interoperability agreements.
- R5: The users should be able to search for interoperability assets from standardisation organisations in the same repository.
- R6: The federation should enable to add context information to interoperability assets.
- R7: Interoperability assets and the federation should be promoted in a consistent way both at local and EU level

	DE					
			ES			
				FI		
LISTPOINT (UK)						
EC ISA PROGRAMME						

List of stakeholder requests collected so far



Request 1: The users should be able to discover related assets

- The federation must support the interlinking of interoperability assets. The users should be able to discover interoperability assets that are linked to the asset they are exploring.
- NB: From a modelling point of view, related asset is already supported by ADMS.

QUESTIONS

> FUNCTIONAL

What information about the links between assets would you like to see?

What information about the related assets would you like to see?

How do you envision the functionality to create links?

How would you visualise these links between assets?

New request

Source

EFIR Survey | 4 MSs voted on the use case

Comment this request in the issue tracker

<https://joinup.ec.europa.eu/asset/adms/issue/discover-related-assets>

Priority

Critical?

Important?

Nice to have?

> NON-FUNCTIONAL

[Clear filters](#)

Refine your search

Filter by type

- Semantic Asset Releases
- News (68)
- Documents (49)
- Software Issues (48)
- Publisher (30)
- Blogs (24)
- Software Releases (14)
- Documentation (12)
- Item (8)
- Repository (7)
- Semantic Asset Projects (7)
- Events (6)
- Communities (5)
- Contact point (5)
- Newsletters (5)
- Federated Projects (3)
- Pages (3)
- Wikis (2)
- Software Projects (1)
- Videos (1)

Keywords

Search

Retain current filters

1 to 20 of 40 results


1 2 [next >](#) [last »](#)

Sort by: [Relevant](#) ▾ | [Popularity](#) ▲ | [Title](#) ▾ | [Date](#) ▲ | [Author](#) ▾ |

ADMS v1.0



(adms v10, adms v10) (Completed, Schema)

 Download


 Asset release Created by [Joinup Federation Support](#) | Last update: 19 April 2013

[> See related assets](#)

ADMS 0.8



the forthcoming federation of asset repositories. Please consult the ADMS brochure for further introduction. This release, ADMS Specification v0.8, is open for public comments until February 6 2012


 Download

 Asset release Created by [Makx Dekkers](#) | Last update: 03 January 2013

ADMS 0.9



the forthcoming federation of asset repositories. Please consult the ADMS brochure for further introduction. This release, ADMS Specification v0.9, is intended for Working Group review only. It

 Download

[Clear filters](#)

Refine your search

Filter by type

- Semantic Asset Releases
- News (68)
- Documents (49)
- Software Issues (48)
- Publisher (30)
- Blogs (24)
- Software Releases (14)
- Documentation (12)
- Item (8)
- Repository (7)
- Semantic Asset Projects (7)
- Events (6)
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- Contact point (5)
- Newsletters (5)
- Federated Projects (3)
- Pages (3)
- Wikis (2)
- Software Projects (1)
- Videos (1)

Keywords

Search

Retain current filters

1 to 20 of 40 results


1 2 [next >](#) [last »](#)


Sort by: **Relevant** ▾ Popularity ▲ Title ▾ Date ▲ Author ▾

ADMS v1.0



(adms v10, adms v10) (Completed, Schema)

 Download

 Asset release Created by [Joinup Federation Support](#) | Last update: 19 April 2013

[> See related assets](#)

Related assets



Asset 1



Asset 2



Asset 3



Asset 4



Asset 5





joinup

Login or Sign up

Search

Share and reuse interoperability solutions for public administrations

European Commission > ISA > Joinup > Semantic assets > Catalogue > Adms v10



My Page

My page

Semantic Assets

Software

News

Events

e-Library

People

Semantic Assets

Catalogue of assets

Projects

Federated Repositories

Advanced Search

Metadata Registry

ADMS v1.0

Rating: 0/5 (based on 0 votes) | 5 reads

Description

The Asset Description Metadata Schema (ADMS) is a common way to describe semantic interoperability assets making it possible for everyone to search and discover them once shared through the forthcoming federation of asset repositories.



Export description metadata

Propose your...

Share this on...

Subscribe to Newsletter

Related assets



Asset 1

Asset 2

Asset 3

Asset 4



Request 2: The users should be able to discover and sort interoperability assets and / or solutions that are defined as success stories.

The users should be able to discover assets / solutions that are highly reusable.

QUESTIONS

> FUNCTIONAL

When talking about success stories, do you think about a single asset, a group of assets, or both?

How should the KPIs be used on Joinup?
E.g. filtering, sorting, etc.

New request

Source

EFIR Survey | 5 MSs voted on the use case

Comment this request in the issue tracker

<https://joinup.ec.europa.eu/asset/adms/issue/discover-interoperability-assets-are-defined-success-stories>

Priority

Critical?
Important?
Nice to have?

> NON-FUNCTIONAL

How would you define success stories? What could be the KPIs? E.g. The number of information systems where the asset is used (The number of implementations)? Make sure the KPIs are collectable, measurable, meaningful, etc.

What is the level of quality you are expecting? Few assets but highly reusable? Many assets with good filtering criteria? Etc





Specific search attribute

FACETS + KPIS = SUCCESS STORY

Sorting criteria

Request 2: Example



Use case: I'm looking for an asset that is a success in a specific context

FACETS?

KPIS?

Filtering by:

Semantic ✕

[Clear filters](#)

Refine your search

Filter by type ◀

Repository of Origin ◀

Current version ◀

Publisher ◀

Asset type ◀

Licence type ◀

Themes ◀

Geographic coverage ◀

Interoperability level ▼

Semantic

Publisher type ◀

Licence ◀

Status ◀

Creation date ◀

Language ◀

Search results

Click on an item for this filter is applied (the number in brackets corresponds to the number of elements of the current selection meeting this criterion for sorting).
Each time you select a filter, it adds to the previously selected filters.

Keywords

Search

Retain current filters

1 to 20 of 299 results

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) ... [next >](#) [last >>](#)

Sort by: Relevant ▼ Popularity ▲ Title ▼ Date ▲ Author ▼

2

INSPIRE Data Specification on Cadastral Parcels - Guidelines v3.0.1

★★★★★



English 3.0.1 INSPIRE DataSpecification CP v3.0.1

[Download](#)

Asset release Created by [Pwc Moderator](#) | Last update: 13 March 2013

INSPIRE Data Specification on Protected Sites - Guidelines v3.1.0

★★★★★



English 3.1.0 INSPIRE DataSpecification PS v3.1

[Download](#)

Asset release Created by [Pwc Moderator](#) | Last update: 13 March 2013

1

List of stakeholder requests collected so far



Request 3: The users should be able to discover common and shared services.

- Public administrations in Europe should easily know which administration provides what services around Europe.
- For example, CTT in Spain contains examples of common services such as [Verification and Consultation of data](#), [Validation of electronic signature](#) or [Secure electronic communication](#).
- An ex. of shared service is the CIRCABC hosting service of the EC.

QUESTIONS

> FUNCTIONAL

Which types of services would you like to find on Joinup? Only services that can be used cross-border? Web services such as Machine translation?

What information about a common service would you like to find on Joinup?

What would be the most user-friendly way to browse services on Joinup?

New request

Source

EFIR Survey | 7 MSs voted on the use case

Comment this request in the issue tracker

<https://joinup.ec.europa.eu/asset/adms/issue/discove-r-common-and-shared-services>

Priority

Critical?
Important?
Nice to have?

> NON-FUNCTIONAL

According to you, what is the difference between common services, shared services and full package solutions?

Request 3: Example



ILLUSTRATIVE MOCK-UP

Option 1

Option 1 mock-up: The header features the European Commission logo and the "joinup" logo. A search bar with a magnifying glass icon and a "Search" button is on the right. Below the header is a blue banner with the text "Share and reuse interoperability solutions for public administrations". A breadcrumb trail reads "European Commission > ISA > Joinup > Semantic assets > Catalogue > Adms v10". A navigation menu includes a home icon, "My page", "Communities", "Interoperability assets", "Software", "News", "Events", "e-Library", and "People".

Option 2

Option 2 mock-up: The header features the European Commission logo and the "joinup" logo. A search bar with a magnifying glass icon and a "Search" button is on the right. Below the header is a blue banner with the text "Share and reuse interoperability solutions for public administrations". A breadcrumb trail reads "European Commission > ISA > Joinup > Semantic assets > Catalogue > Adms v10". A navigation menu includes a home icon, "My page", "Communities", "Interoperability assets", "Services", "Software", "News", "Events", "e-Library", and "People".



Request 4: The users should be able to search for interoperability agreements.

- An interoperability agreement sets a number of general rules that define the exchange of information between different public administrations e.g. an addressing plan to exchange information between Member States.
- Spain provided [examples](#) of interoperability agreements applicable to Spanish public administrations.

QUESTIONS

> FUNCTIONAL

What information about the interoperability agreement would you like to see?

According to you, should an interoperability agreement be an asset type? As it often involves multiple layers of interoperability, how could we make them easily searchable on Joinup?

New request

Source

EFIR Survey | Spain

Comment this request in the issue tracker

<https://joinup.ec.europa.eu/asset/adms/issue/search-interoperability-agreements>

Priority

Critical?

Important?

Nice to have?

> NON-FUNCTIONAL

[Clear filters](#)

Refine your search

Asset type ▾

- Code List (268)
- Ontology (103)
- Technical Interoperability Agreement (80)
- Schema (57)
- Domain Model (39)
- Service Description (29)
- Information Exchange Package Description (24)
- Core Component (8)
- Mapping (2)
- Name Authority List (2)
- Thesaurus (2)
- Business Process Model (1)
- Business Service Description (1)
- Communication Protocol (1)
- Syntax Encoding Scheme (1)
- Taxonomy (1)

[Show fewer](#)

Keywords

Retain current filters

1 to 20 of 40 results 1 2 [next >](#) [last »](#)

Sort by: **Relevant** ▾ | Popularity ^ | Title ▾ | Date ^ | Author ▾

Interoperability agreement 1 ★ ★ ★ ★ ★

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy ...

[> See related assets](#)

Interoperability agreement 2 ★ ★ ★ ★ ★

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy ...

[> See related assets](#)



**Interoperability agreement
as an asset type?**



Request 5: The users should be able to search for interoperability assets from standardisation organisations.

In order to reduce multiple work, the interoperability assets of the international standardisation organisations should be available in the same repository (single point of access).

QUESTIONS

> FUNCTIONAL

How would you like to discover assets from standardisations bodies? E.g. As it is currently implemented in the current federation, meaning via 'publisher type' facet? Do you see any other possible options?

New request

Source

EFIR Survey | Finland

Comment this request in the issue tracker

<https://joinup.ec.europa.eu/asset/adms/issue/search-interoperability-assets-standardisation-organisations>

Priority

Critical?
Important?
Nice to have?

> NON-FUNCTIONAL

What is the level of quality you are expecting? Few assets but highly reusable? Many assets with good filtering criteria? Etc.

Request 5: Example



Current solution proposed in the federation

Refine your search

Filter by type ▾

Repository of Origin ▾

Current version ▾

Publisher ▾

Asset type ▾

Licence type ▾

Themes ▾

Geographic coverage ▾

Interoperability level ▾

Publisher type ▾

- National authority (138)
- Standardisation body (58)
- Academia/scientific organisation (48)
- Company (45)
- Supra-national authority (37)
- Private individual(s) (23)
- Industry consortium (8)
- Non-profit organisation (4)
- Local authority (2)

Search results

Click on an item for this filter is applied (the number in brackets corresponds to the number of elements of the current selection meeting this criterion for sorting).

Each time you select a filter, it adds to the previously selected filters.

Keywords

1 to 20 of 37319 results

1 2 3 4 5 6 7 8 9 ... [next >](#) [last >](#)

Sort by: **Relevant** ▾ Popularity ▲ Title ▾ Date ▲ Author ▾

test news item



Testing creation of news item (SEMIC - Semantic Interoperability Community, European Union, 08 INTERNATIONAL RELATIONS)

News Created by [Pwc Repositoryowner](#) | Last update: 22 April 2013

test news item



Testing creation of news item (SEMIC - Semantic Interoperability Community, European Union, 08 INTERNATIONAL RELATIONS)

News Created by [Pwc Repositoryowner](#) | Last update: 22 April 2013

DCMI Type Vocabulary



asset_release <http://dublincore.org/documents/dcmi-terms/#H7> English



Request 6: The federation should enable the users / publishers to add context information to interoperability assets.

According to Listpoint, a Context is a proxy or profile for the collection of assets that are used by an information system. It is to understand where an asset is particularly used.

QUESTIONS

> FUNCTIONAL

What types of context information about interoperability assets would you like to find on Joinup?

How and when would like to be able to add this context information about assets? E.g. Via tagging, using specific taxonomies, etc.

New request

Source

Joinup | Lispoint

Comment this request in the issue tracker

<https://joinup.ec.europa.eu/asset/adms/issue/consider-adding-context-information-listpointcouk>

Priority

Critical?

Important?

Nice to have?

> NON-FUNCTIONAL

Option 1: Taxonomy of context - Implemented as a facet

Refine your search

- Filter by type
- Repository of Origin
- Current version
- Publisher
- Asset type
- Licence type
- Themes
- Geographic coverage
- Interoperability level
- Context**
 - To be completed?
 - To be completed?
 - To be completed?
 - To be completed?
 - To be completed?
 - To be completed?
 - To be completed?
 - To be completed?


Search results


Click on an item for this filter is applied (the number in brackets corresponds to the number of elements of the current selection meeting this criterion for sorting).
Each time you select a filter, it adds to the previously selected filters.

Keywords

1 to 20 of 37319 results [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) ... [next >](#) [last >](#)

Sort by: [Relevant](#) [Popularity](#) [Title](#) [Date](#) [Author](#)

test news item ★★★★★
Testing creation of news item (SEMIC - Semantic Interoperability Community, European Union, 08 INTERNATIONAL RELATIONS)
 News Created by [Pwc Repositoryowner](#) | Last update: 22 April 2013

test news item ★★★★★
Testing creation of news item (SEMIC - Semantic Interoperability Community, European Union, 08 INTERNATIONAL RELATIONS)
 News Created by [Pwc Repositoryowner](#) | Last update: 22 April 2013

DCMI Type Vocabulary ★★★★★
 asset_release <http://dublincore.org/documents/dcmi-terms/#H7> English



Option 2: Context as free tag – Tag cloud?

Refine your search

- Filter by type ◀
- Repository of Origin ◀
- Current version ◀
- Publisher ◀
- Asset type ◀
- Licence type ◀
- Themes ◀
- Geographic coverage ◀
- Interoperability level ◀
- Publisher type** ▼
 - National authority (138)
 - Standardisation body (58)
 - Academia/Scientific organisation (48)
 - Company (45)
 - Supra-national authority (37)
 - Private individual(s) (23)
 - Industry consortium (8)
 - Non-profit organisation (4)
 - Local authority (2)

Search results

Click on an item for this filter is applied (the number in brackets corresponds to the number of elements of the current selection meeting this criterion for sorting).

Each time you select a filter, it adds to the previously selected filters.

Keywords

Tag

Tag 1 Tag 1 Tag 1 Tag 1 Tag 1

Tag 1 Tag 1 Tag 1 Tag 1

Tag 1 Tag 1



joinup

Login or Sign up

Share and reuse interoperability solutions for public administrations

European Commission > ISA > Joinup > Semantic assets > Catalogue > Adms v10

- Home
- My Page
- Communities
- Semantic Assets**
- Software
- News
- Events
- e-Library
- People

Semantic Assets

Catalogue of assets

Projects

Federated Repositories

Advanced Search

Metadata Registry

ADMS v1.0

Rating: 0/5 (based on 0 votes) | 5 reads

Description

The Asset Description Metadata Schema (ADMS) is a common way to describe semantic interoperability assets making it possible for everyone to search and discover them once shared through the forthcoming federation of asset repositories.

Asset release

Additional information

Related assets

Who uses it?

- Export description metadata
- Propose your...
- Share this on...
- Subscribe to Newsletter

Current metadata

Request 1

Request 6
Context

Other request ?

You can propose a new request or comment existing ones in the issue tracker on Joinup
<https://joinup.ec.europa.eu/asset/adms/issue/all>



European
Commission

Thank you!



European
Commission

4 Annex

