

Webinar: federated interoperability solutions on Joinup – how to maximize the value delivered?

Framework Contract DI/07171– Lot 2

ISA Action 4.2.4: European Federated Interoperability Repository

12 May 2015



Time Topic

10:00 Introduction

10:10 EFIR overview

10:35 Stricter scope-based filtering

10:50 Available tools and services

11:00 Federated repositories: brainstorming and engagement

12:00 End of the workshop



**A
quick
round of
introduction**



01 EFIR Overview

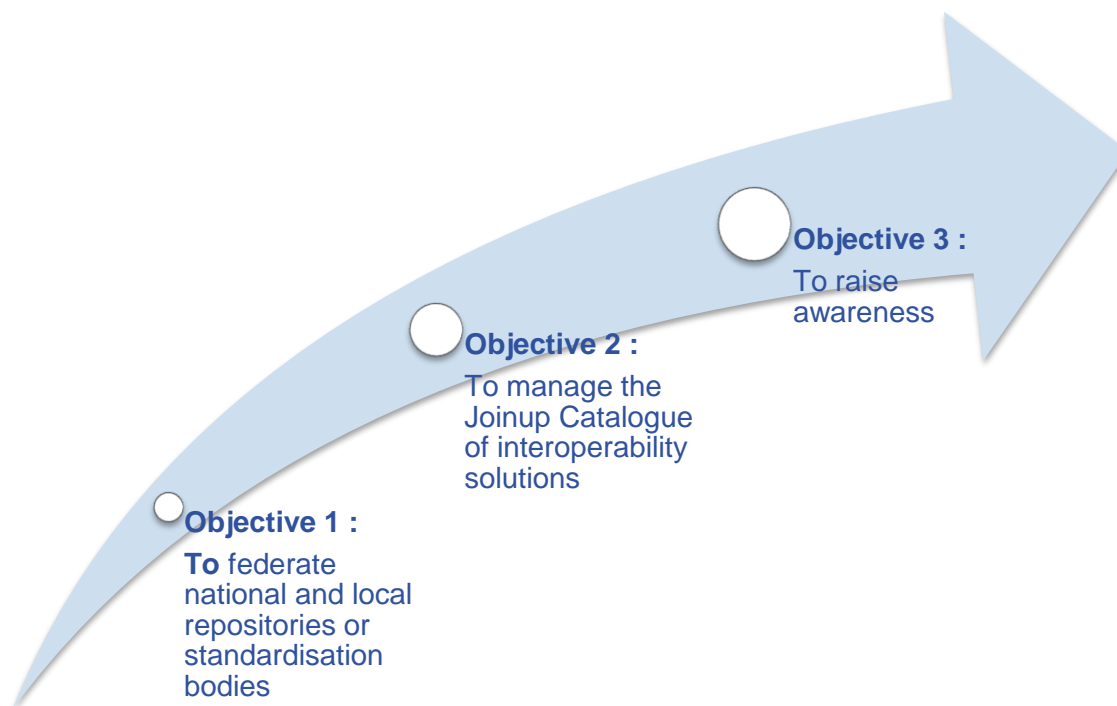
02 Stricter scope-based filtering

03 Available tools and services

04 Federated repositories: brainstorming and engagement



The catalogue of interoperability solutions on Joinup allows to explore and freely reuse thousands of **technical, semantic, organisational** and **legal** solutions coming from more than 42 online repositories and many individual contributors that have made their solutions searchable through Joinup.



Who's participating

01 02 03 04

EFIR overview



European
Commission

42 partner organisations

11 Member States



8 European Institutions



4 standardisation organisations



8 other stakeholders



9 Federated Forges

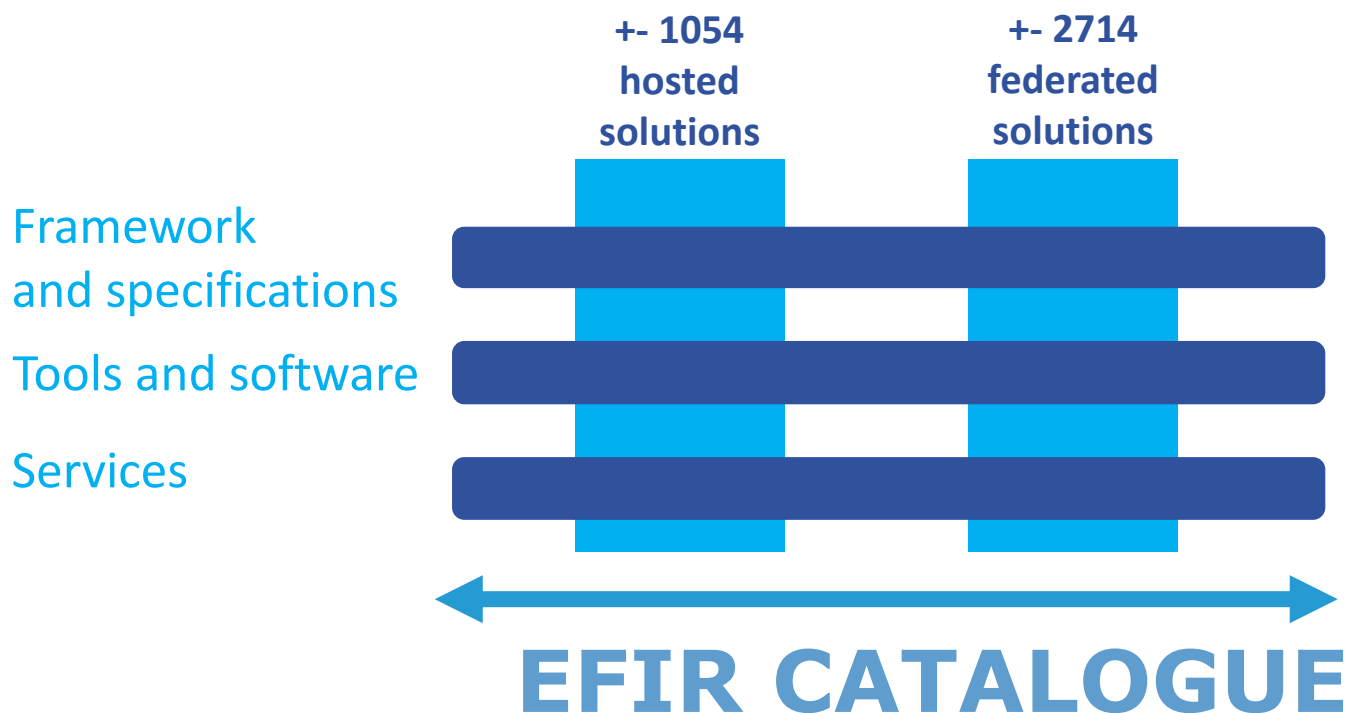


+ many individual contributors

= more than 3000 solutions

European Federated Interoperability Repository

In March 2015, **72%** of all interoperability solutions published on Joinup **belong to repositories**. These solutions only **contribute to 7% of the total downloads** for the entire catalogue.

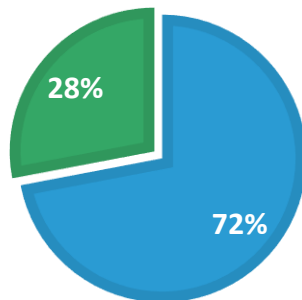




1. The reuse of interoperability solutions remains low
 - Only **4.7%** of the total number of page views lead to a download or an exit to a federation partner) and it is hard to identify known reuses of interoperability solutions.
2. There is no proven value and benefits delivered to the federation partners (only few visitors are redirected from Joinup to their websites. Out of 44 repositories containing more than 3500 solutions, only 180 unique users have been redirected to federation partners in March).

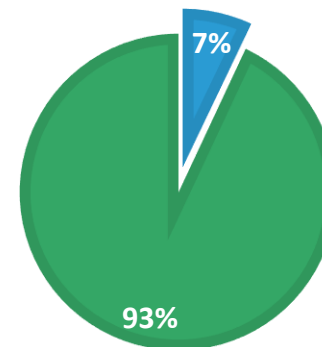
CATALOGUE SPLIT (HOSTED AND FEDERATED)

■ Repositories ■ Projects



AVERAGE DOWNLOADS

■ Repositories ■ Projects

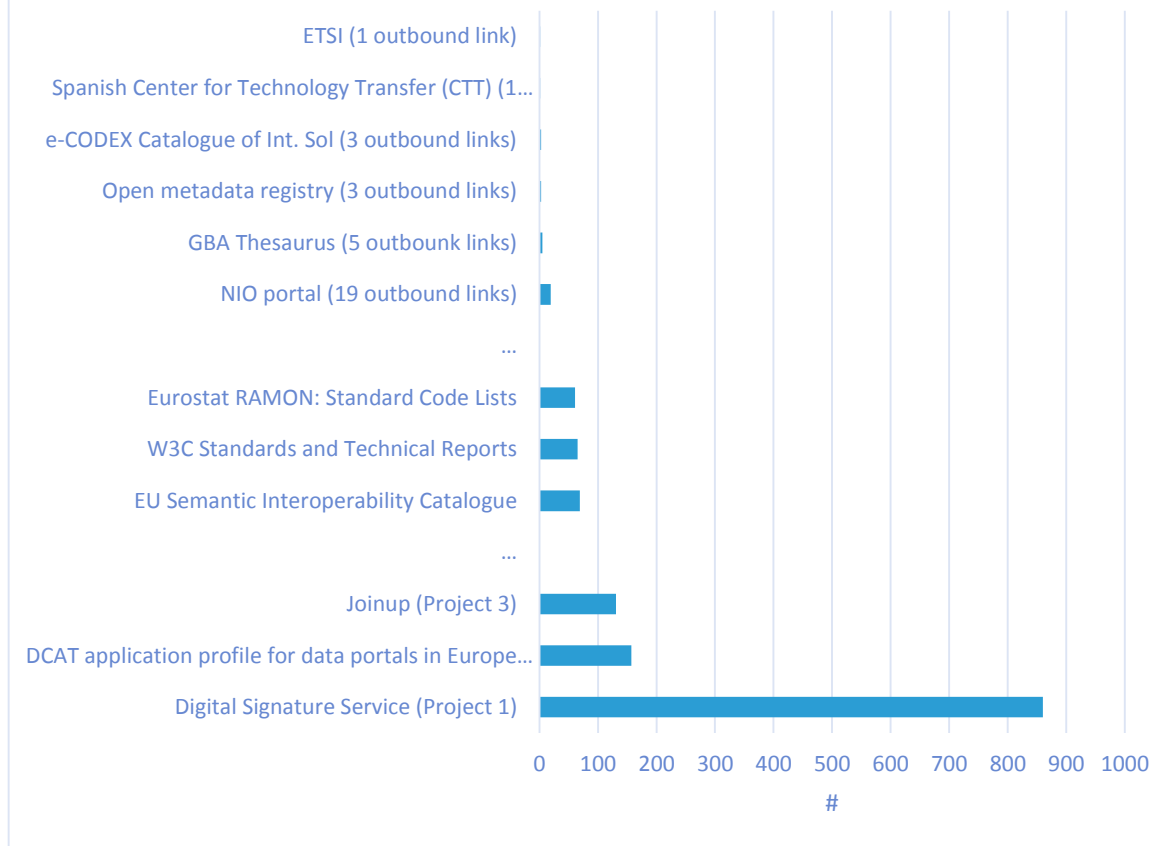




Reasons for low traffic

1. Low quality of the description.
2. Some solutions from federated repositories are not targeted to public administrations(> 50% of solutions in some repositories)
3. Missing ADMS-AP properties or wrong values.
4. Language of description often not in English. This has an impact on the search engine (keywords, description, etc.)
5. Users do not visit Joinup to discover new solutions but search for specific solutions. For federated solutions, users surf directly to the original repository.

Downloads/Outbound links from top projects, top repositories and attendees' repositories in March 2015



62% of repositories < 5 outbound links / month



01 EFIR overview

02 Stricter scope-based filtering

03 Available tools and services

04 Federated repositories: brainstorming and engagement



- For a solution to be eligible on Joinup it has to fit within the scope of EFIR: “**(re-)usable solutions** on Joinup reference only to solutions that are **relevant** and **(re-)usable** for **public administrations**”
- Based on the statement :
 - five eligibility criteria:
 - Language
 - Licensing
 - Relevance
 - Quality
 - Unicity

The eligibility criteria supports scope statement.



1. **Language** : at least in English (machine translation CAN be provided for federated repository).
2. **Licensing**: open-source and free of charge (some exception at the EU level is possible).
3. **Relevance**: Specific use for public administrations + link clearly stated and explained.
4. **Quality**: conformance to ADMS-AP + quality of description (solution description template to be followed).
5. **Unicity**: duplicates shall be avoided.



- **General description:** overview, golden paragraph of the solution?
- **Needs that the solution addresses:** what needs does the solution address?
- **Features that the solution implements:** what are the main features that the solution addresses. In other words, how does the solution address the needs?
- **Typical intended audience:** what is/are the target audience(s) of the solutions? Who are the end users?
- **How to reuse the solution:** how can the intended audience re-use the solutions? What are the steps to follow? How to begin?
- **Standards used in the solution (if any):** what international or national standards or specifications are used within the solution?
- **Contribution of the solution to a policy (if any):** does the solution contribute, is it endorsed, or was it developed in the context of a public policy?



01 EFIR overview

02 Stricter scope-based filtering

03 Available tools and services

04 Federated repositories: brainstorming and engagement



- **FusionForge Plugin**
 - Available to the repositories/forges using FusionForge.
 - Automatic extract and conversion to ADMS-AP and import on Joinup.
 - ***recommended when possible but requires some integration effort.***
- **Excel sheet**
 - Enter the information about your solutions in the correct cells.
 - Automatic conversion to ADMS-AP (OpenRefine) and import on Joinup.
 - ***recommended for large amount of solutions.***
- **Manual entry of solutions on Joinup**
 - “Add solution” button.
 - ***recommended for small amount of solutions.***
- **Machine translation of solution descriptions**
 - Can be provided by support team as a last resort but quality of translation is lower.
- **Support team**
 - Provide support and insights concerning the federation of solutions.



01 EFIR overview

02 Stricter scope-based filtering

03 Available Tools and Services

04 Federated repositories: brainstorming and engagement



1. Increase solution re-use

- What is the scope of your repository? What type of solutions do you propose?
- Is the collection of interoperability solutions specifically targeted to public administrations? Do the solutions address the needs of a policy domain?
- Is publishing in your repository mandatory? What is the use of your national repository ?

2. Improving the quality

- Do you have a quality assessment before accepting solutions in your repository?
- How do you manage your repository? How often is it updated?

3. Future cooperation

- What are your expectations when making your collection of interoperability solutions available on Joinup?
- What is the level of service you would find meaningful from a European and centralised catalogue?
- Is translating your repositories on Joinup a interesting option?



Any other questions?

Thank you for your input!

*An overview will be sent with important information
You will be notified of any new workshops/webinars*

This presentation was prepared for the ISA programme of the European Commission by PwC EU Services.

The views expressed in this report are purely those of the authors and may not, in any circumstances, be interpreted as stating an official position of the European Commission.

The European Commission does not guarantee the accuracy of the information included in this study, nor does it accept any responsibility for any use thereof.

Reference herein to any specific products, specifications, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favouring by the European Commission.

All care has been taken by the author to ensure that s/he has obtained, where necessary, permission to use any parts of manuscripts including illustrations, maps, and graphs, on which intellectual property rights already exist from the titular holder(s) of such rights or from her/his or their legal representative.