

joinup

Joinup: The repository for open source IT solutions

European Week of Regions and Cities 2019

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BRUSSELS

Victoria KALOGIROU

Jean-Paul DE BAETS

DIGIT D.2

Directorate General for Informatics

European Commission



European Week | Brussels

7-10 October 2019

ISA²

ISA²





1. Introduction
2. Statistics & trends
3. New features
4. New synergies
5. Making Joinup “your” platform
6. What’s next

Introduction

What is Joinup?



joinup

Collaborative platform for:

- eGovernment professionals
- Public administrations
- Businesses
- Citizens

Observatory of:

- News
- Events
- Documents (studies, factsheets etc.)

Repository of shared & reusable IT solutions

- Software
- IT specifications
- Data models

Introduction

What are the benefits?



joinup

Public administrations

Lower development costs

Dissemination of best practices

Reusable solutions for free

Powerful search tools

Information exchange

Private sector

Learning of administrations' needs

Reference materials

Development of better products

Academia & citizens

eGovernment factsheets

Studies

Use cases

Introduction

Testimonials



“We think Joinup allows us to give additional exposure to the solutions developed in Slovenia and to raise interest among other Member States [...]”

Danica Saponja, Editor-in-Chief of the NIO portal in Slovenia



“Joinup, the ideal dissemination platform for our open source solutions.”

Francesca Bria, Chief Technology and Digital Innovation Officer of Barcelona City Council



**Ajuntament
de Barcelona**

Introduction

Joinup timeline



Where it all began

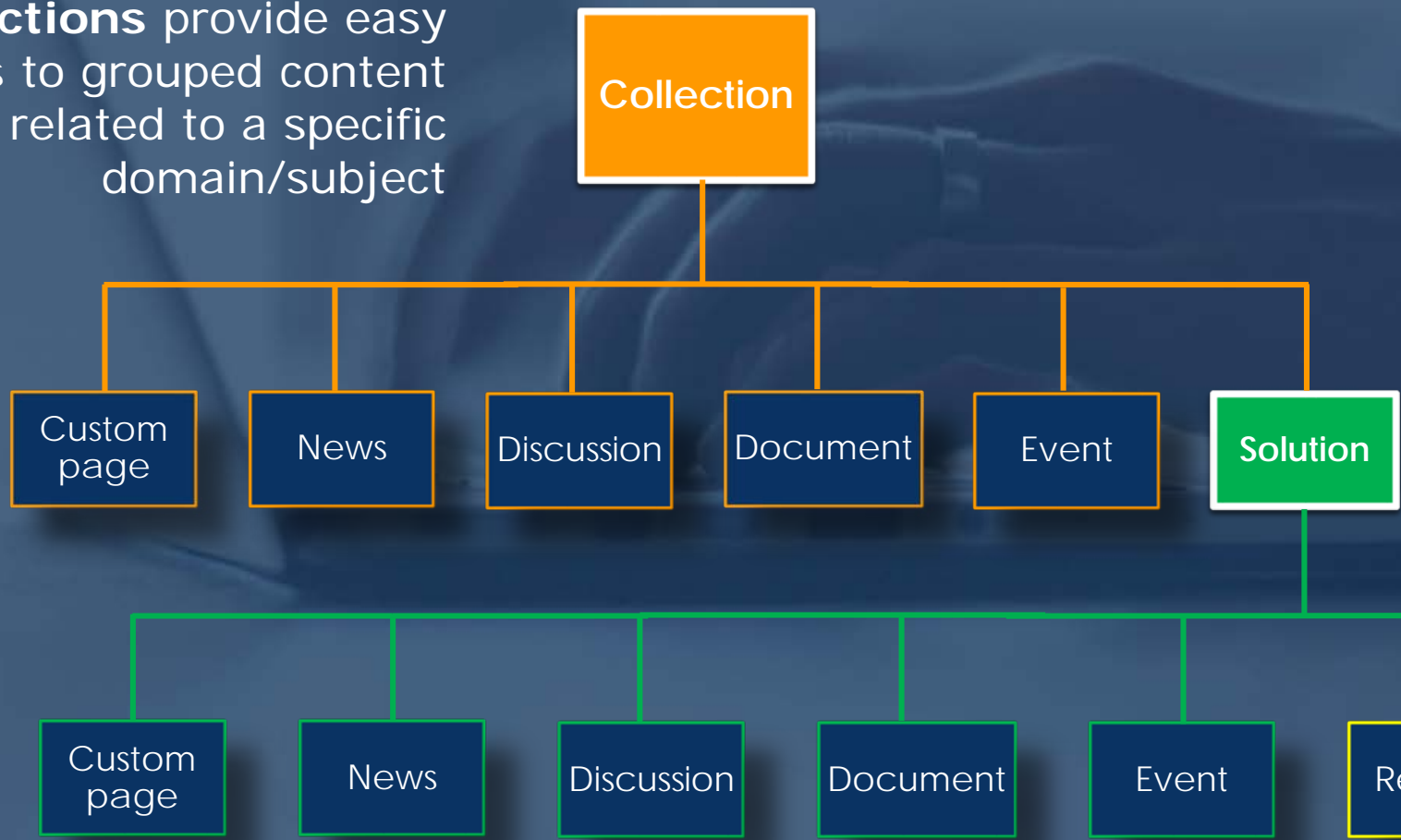


Introduction

Joinup structure



Collections provide easy access to grouped content related to a specific domain/subject



Solutions are created *within* a collection & have content *related* to it. Ideal for hosting release-based items (software etc.)

v0.9 Beta
v1.0
v1.1
v2.0

Source code
Licence
Release note
Etc.

Introduction

Collection tour



A screenshot of the Joinup website interface. The page is dark-themed with a blue header. At the top, there's a navigation bar with "COLLECTIONS", "SOLUTIONS", and "KEEP UP TO DATE" buttons. A search icon and user profile icon are on the right. Below the header, a banner area displays "Last update 30 minutes ago" and "14286 Members 9 Solutions". A navigation menu on the left lists "Overview", "Members", "About", "Roadmap", "How-To articles", "Help videos", and "FAQ". The main content area shows a grid of tiles: "Webinars on Data Viz!", "Joinup webinar - Watch it now!", "Making Joinup 'your' platform", "Implementing Tallinn", "Brand new Joinup", and a "Newsletter" sign-up form. A footer at the bottom contains social media links and contact information. Red numbered callouts (1-6) are placed over various elements: 1. Search, Help, User profile icons; 2. Banner area; 3. Navigation menu; 4. Filter dropdown; 5. Content tiles; 6. Footer area.

Collection zones

1. Toolbar area (Search, Help, User profile)
2. Banner area
3. Navigation menu
4. Filters
5. Tiles display area
6. Footer area

Introduction

Collection & solution examples



Collection

COLLECTIONS SOLUTIONS KEEP UP TO DATE

Justice, Law and Security

Last update about 2 hours ago | 23 Members | 10 Solutions

Solutions providing support to various branches of the Justice Administration and to the legal production process [Read more](#)

33 Documents | 29 News | 10 Solutions | MORE

About: all policy domains

advanced search

 LEOS - Open Source software for editing legislation Downloads: 227 solution	 Ref2Link solution	 ELI at Flemish Government live Flemish, Government, Belgium news	 ISA² Open CMIS Repo solution
 IKOS - EU poslovi solution	 Electronic Communications Service in Spanish Justice solution	 Digital Justice solution	 ELI at Flemish Government ICT, standardisation, eGovernment, news
 SENSE4US			

Solution

COLLECTIONS SOLUTIONS KEEP UP TO DATE

LEOS - Open Source software for editing legislation

Justice, Law and Security | Downloads: 227 | [DOWNLOAD RELEASES](#)

LEOS - Legislation Editing Open S software, is an open source software delivered under ISA² Action 2016.38 Legislation Interoperability Tools - LegIT. LEOS is designed to help those involved in drafting legislation, which is usually part of a complex process, by facilitating efficient online collaboration. Comments, suggestions, version control, co-edition, everything is there. Regarding the structure, that is where we aim to be as restrictive as possible and this is not because we are... [Read more](#)

2 Documents | 1 News | 8 Releases

About: all policy domains

advanced search

Different ways to configure LEOS Document Reading time: 2 mins LEOS facilitates efficient online collaboration between legislation drafters. To store the drafts, LEOS uses a document. document	LEOS-Pilot Release number: 2.1.0 Status: 27/06/2019 release	LEOS-Pilot Release number: 2.0.0 Status: Completed 07/08/2018 release	 Efficient legislative drafting news
LEOS Drafting tool - Getting started Presentation This page is dedicated to documentation that is meant to give a short introduction to LEOS, Open Source Software created by LegIT - 2016.38 document	LEOS-Pilot Release number: 1.0.0 Status: Completed 14/11/2017 release	LEOS Prototype v3.1.0 Release number: 3.1.0 Status: Completed 16/09/2016 release	LEOS Prototype v3.0.0 Release number: 3.0.0 Status: Completed 17/06/2016 release
LEOS Prototype v2.0.0	LEOS Prototype v1.0.0	LEOS - Open Source software for editing	

Introduction

Community building with “Discussions”



Engage your users & members with Discussion items. Create virtual conversations & elaborate on:

- ❑ Ideas, topics or suggestions
- ❑ Questions and answers (Q&A)
- ❑ Public consultations
- ❑ Support, feature requests, etc.

As creator of a Discussion you can also:

- ❑ **Invite** other Joinup users to the Discussion
- ❑ **Share** the Discussion in social media or in collections you own
- ❑ **Subscribe** & receive notifications of updates (available to all users)

A screenshot of a web interface for a discussion post. The post title is "Lorem ipsum dolor sit amet?" by user "Petro Dudi" on 23/05/2019. The post content is placeholder text. Below the post are interaction buttons: "REPORT ABUSIVE CONTENT", "INVITE", "SHARE", and "SUBSCRIBE". A "Comments" section shows a comment by "John Smith" on Thu, 23/05/2019 - 08:23. At the bottom is a "Create comment" form with a rich text editor and a "POST COMMENT" button.

Lorem ipsum dolor sit amet?
Petro Dudi | 23/05/2019

Lorem ipsum dolor sit amet, ut quaerendum interpretaris cum, augue euismod dolore et mea, sit ne inimicus efficiantur. Nam cu quis verterem molestiae, an hinc constituto consequuntur ius. Ridens periculis usu ex, nullam reformidans te eos, mel facer aequae facilisis ea. Eos cu elit congue.

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REPORT ABUSIVE CONTENT INVITE SHARE SUBSCRIBE

Comments

John Smith | Thu, 23/05/2019 - 08:23

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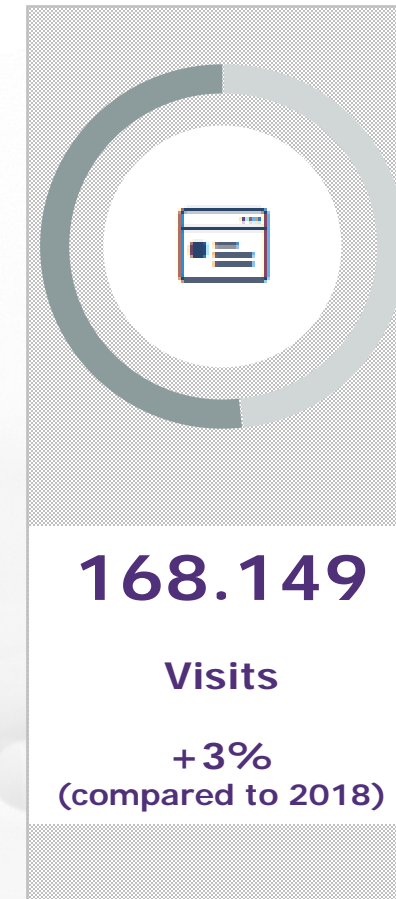
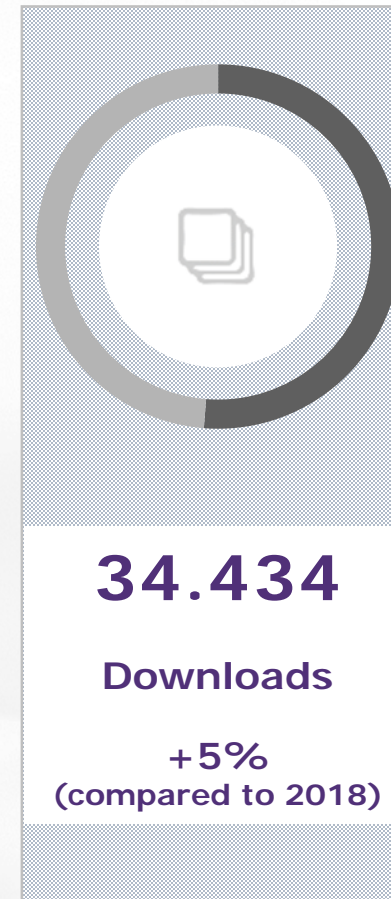
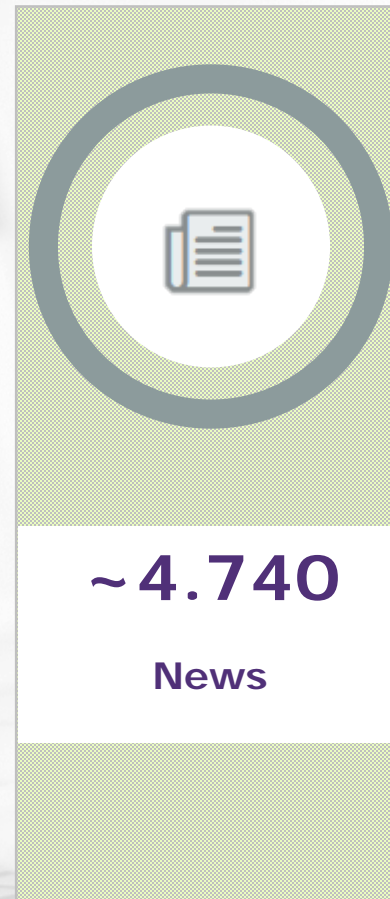
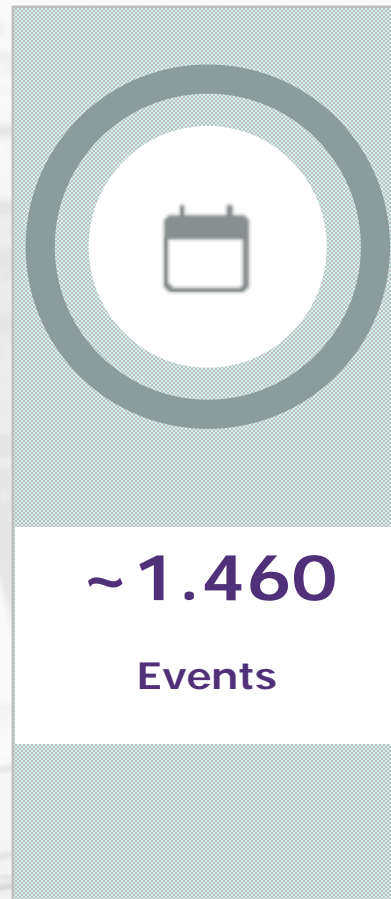
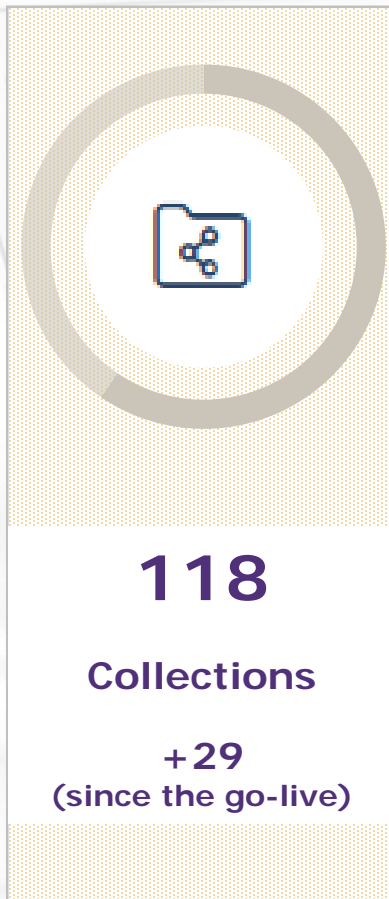
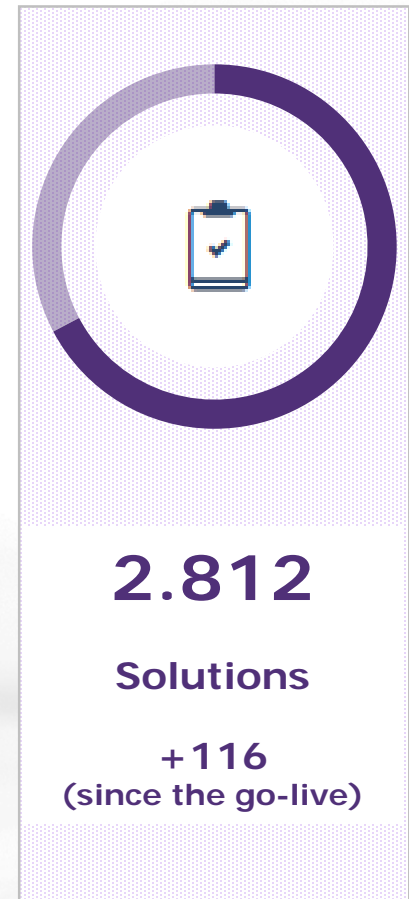
Create comment *

B I [link] [comment] [code] [quote] [source]

POST COMMENT

Statistics & trends

Some highlights (as of June 2019)

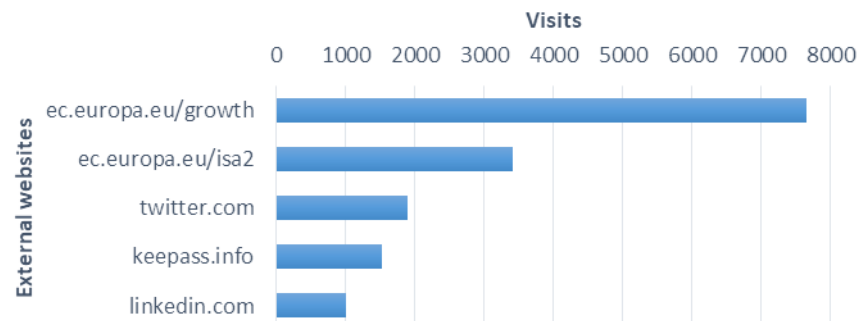


Statistics & trends

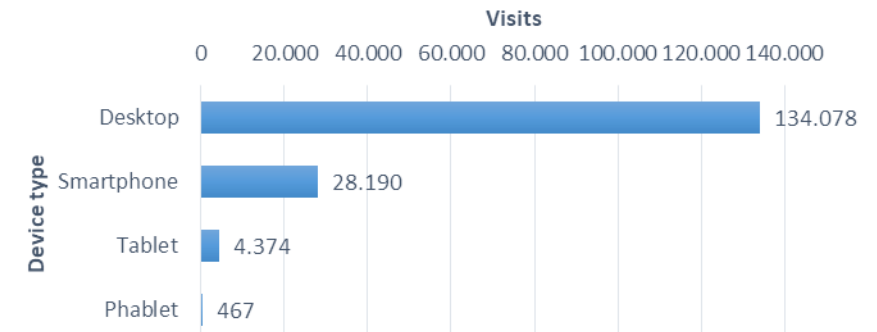
Interesting trends (Jan - Jun 2019)



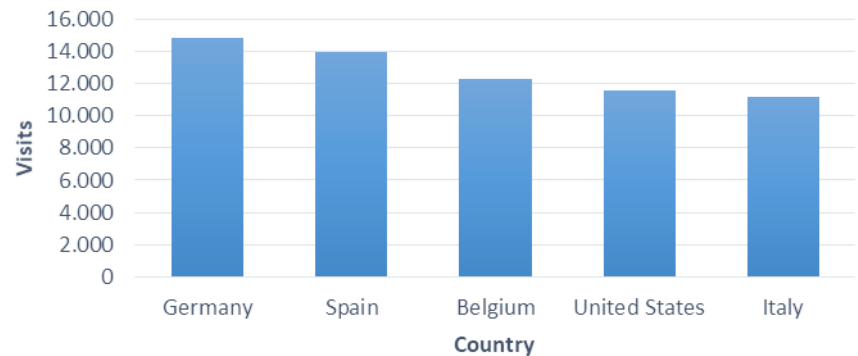
Top visits from external websites (January to June 2019)



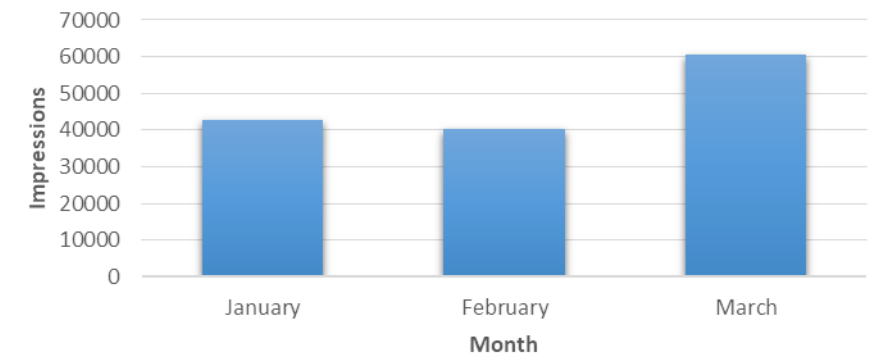
Visits by device type (January to June 2019)



Top visits by country (January to June 2019)



Twitter impressions (Q1 2019) - @Joinup_eu



New features

Joinup Licensing Assistant (JLA)



JLA enables copyright owners to quickly identify suitable licences for distributing their software or data.

A common tool including up to 348 licences

Improved categorisation compared to existing tools

Direct link to each licence of the SPDX list

Up-to-date licence information

Select licence terms below

Can	Must	Cannot	Compatible	Law	Support
Use/reproduce	Incl. Copyright	Hold liable	None N/A	EU/MS law	Strong Community
Distribute	Royalty free	Use trademark	Permissive	US law	Governments/EU
Modify/merge	State changes	Commerce	GPL	Licensor's law	OSI approved
Sublicense	Disclose source	Modify	Other copyleft	Other law	FSF Free/Libre
Commercial use	Copyleft/Share a.	Ethical clauses	Linking freedom	Not fixed/local	
Use patents	Lesser copyleft	Pub sector only	Multilingual	Venue fixed	
Place warranty	SaaS/network	Sublicense	For data		
	Include licence		For software		
	Rename modifs.				

or enter [licence SPDX identifier](#)

34 licences found

AFL-3.0 Academic Free License v3.0

- Can** Use/reproduce, Distribute, Modify/merge, Sublicense, Commercial use, Use patents
- Must** Incl. Copyright, Royalty free, Disclose source, SaaS/network
- Cannot** Hold liable, Use trademark
- Compatible** Permissive, GPL, Other copyleft, Linking freedom, For software
- Law** Licensor's law, Venue fixed
- Support** OSI approved, FSF Free/Libre

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Written by Lawrence Rosen (attorney, formal counsel of the Open Source Initiative), ASL-3.0 gives recipients a copyright and allows for a patent on the software so long as they include the original software, any of its copyrights or trademarks and a note saying that you modified it (as the case may be). Nearly identical as the Open Software License (same author), but not copyleft: it is permissive (widely compatible) and doesn't force derivative works to use the same licence. Applicable law and venue are those of the licensor.

New features

Reusing Joinup



joinup



Stakeholders can reuse Joinup's source code to set up their own collaborative platform



Joinup can integrate new features developed by other stakeholders

Joinup's source code is available on:

GitHub

github.com/ec-europa/joinup-dev

New synergies

Federation with Joinup

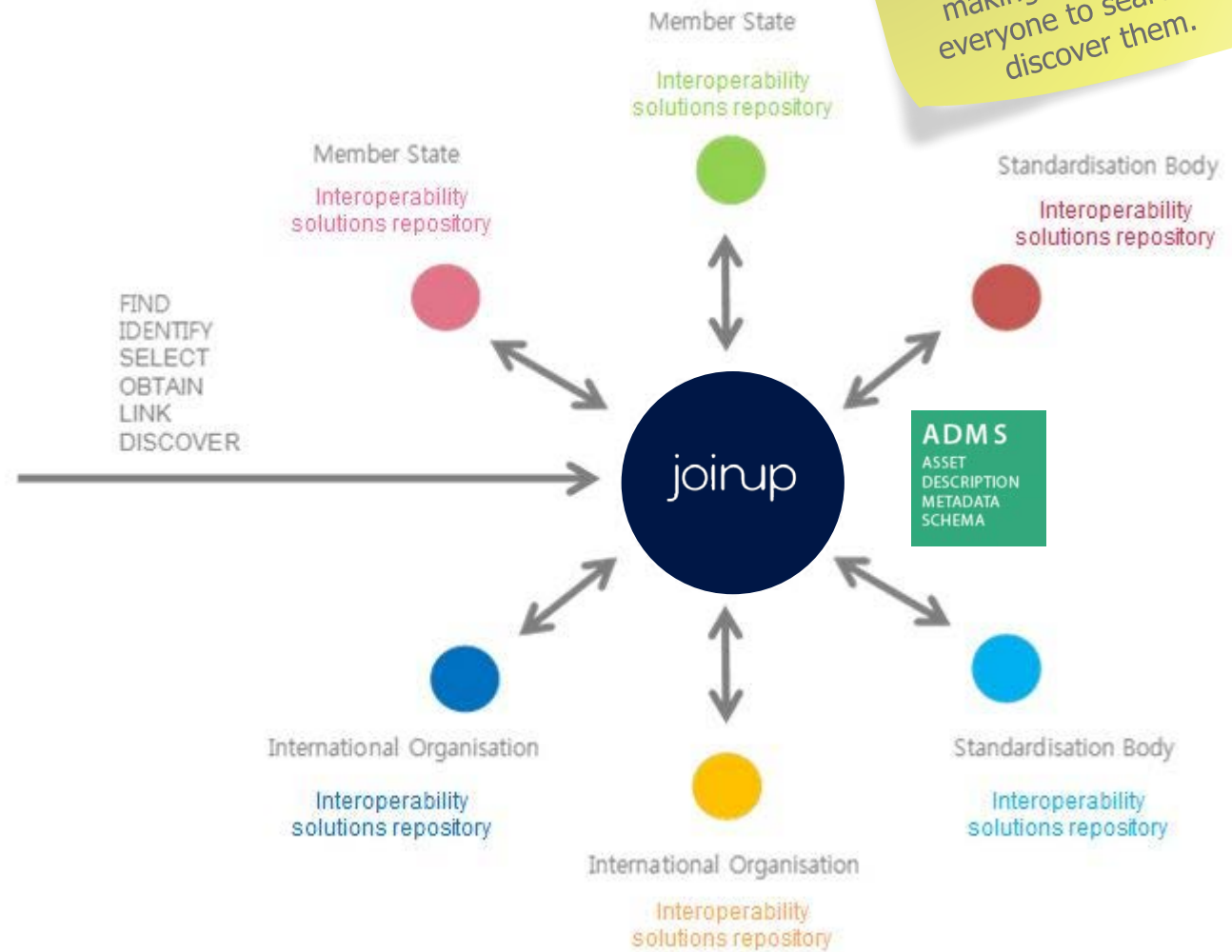


The one-stop shop for interoperability solutions

One of Joinup's aims is to become *the* place to go when looking for interoperability solutions.

By federating standards and solutions with Joinup, external repositories instantly expand their user-base and expose their interoperability content to like-minded parties in need of them.

- Public administrations
- Businesses
- Standardisation bodies
- IT Industry
- Academia



ADMS is a simple specification used to describe interoperability solutions, making it possible for everyone to search and discover them.



Connecting with Joinup's ADMS-enabled federation

- ❑ The ADMS-enabled federation service allows publishers to describe their interoperability solutions in a common way
- ❑ Publishers create metadata descriptions of their interoperability solutions
- ❑ Publishers upload these metadata descriptions (in RDF format) on Joinup, the official EU interoperability platform

As easy as 1, 2, 3...

1

Describe your semantic assets in a common way using ADMS, creating metadata descriptions of your assets



2

Federate the metadata descriptions with Joinup (the official EU interoperability platform)



3

Enjoy your ADMS-enabled federation on Joinup!

New synergies

Federation of repositories (CTT) - Completed



The successfully completed pilot with [the Spanish Center for Technology Transfer \(CTT\)](#) is proof that Joinup paves the way to a more robust and federated future for the platform.

Key outcomes from this pilot:

- Established a linking mechanism with CTT's external repository
- Possibility of automatic import of hundreds of solutions via the ADMS-AP v2 service
- Ability for scheduled updates to keep both platforms in sync

A screenshot of the Spain - Center for Technology Transfer (CTT) portal interface. The header features the CTT logo and the title "Spain - Center for Technology Transfer". Below the header, there are statistics: "Last update a day ago", "13 Members", and "249 Solutions". The main content area includes a description of the portal as a knowledge base for technical solutions. Below this, there are three summary cards: "249 Solutions", "1 Document", and "1 News". A navigation bar shows "About: all policy domains" and "advanced search". The main content is a grid of six solution cards, each with an icon and a title: "Every week recent news", "ACCEDA - Electronic Management of Administrative", "eSignature Platform", "ARCHIVE", "Cl@ve Identity", and "Cl@ve Signature". Each card also includes a "solution" tag and a star icon.

New synergies

Federation of repositories (NIO) - Pilot



Joinup is currently conducting a pilot with Slovenia's [National Interoperability Framework Portal](#) (NIO), in order to federate their content with Joinup.

A few words about NIO:

- Starting point of the Slovenian national interoperability framework (est. 2010)
- Compliant with EIF
- Tool for management of interoperable assets (technical, semantic, organisational, legal)
- Based on the standard ISO/IEC 11179-6 (ISO 11179)
- Hub for publishers and end-users of public, digital solutions

A screenshot of the NIO - National Interoperability Framework Portal website. The page features a dark header with the NIO logo, the text "National interoperability framework", and the "REPUBLIC OF SLOVENIA" logo. Navigation links include "ABOUT", "CATALOGUE", "NEWS", "GLOSSARY", "CONTACT", "SI | EN", and "Login". The main content area has a large heading "NIO - NATIONAL INTEROPERABILITY FRAMEWORK PORTAL" and a sub-heading "The NIO Portal is a website dedicated to publishing interoperability solutions and products of the public sector. It connects a catalogue of interoperability solutions with best practices for re-using its content." Below this is a search bar with the text "Search the NIO portal" and a "SEARCH" button. To the right of the search bar are five buttons: "Mission and objectives", "NIO Policy", "EU recommendations", "Compliance with EU assets", and "Glossary". At the bottom of the page, there are three green buttons: "FIND A SOLUTION CATALOGUE SOLUTIONS", "DO YOU WANT TO PARTICIPATE? SUGGEST SOLUTIONS", and "WANT TO KNOW MORE? USEFUL LINKS".

Making Joinup “your” platform

Help “us” help “you”...

European
Commission

We need you!

Joinup’s popularity stems from its users – that’s you! Help us make it even better!

- **New & future federations**
If you’re a repository owner of eGov interoperability solutions, contact us to plan a pilot federation process.
- **Reuse of the Joinup platform**
Joinup’s code is open source, thus freely available. Take it for a spin by setting up your own collaborative platform! Workshops are possible, too, even on your premises.
- **Provide your feedback**
We’ve set up a dedicated [EUSurvey questionnaire](#) that continuously collects your valuable feedback. Spread the word to other colleagues and friends, too!

URL: https://ec.europa.eu/eusurvey/runner/Joinup_Satisfaction_Survey_2019




Making Joinup “your” platform

Help is only a click away...



In the [Joinup collection](#) you can find:

- **How-To articles**
Short guides & tips on using Joinup
- **Help videos**
Instructional & webinar videos
- **Frequently Asked Questions (FAQ)**
The basics covered in simple Q&As
- **Help menu (platform-wide)**
Use the  icon for quick access to essential Joinup information: FAQ, HOW-TOs, User tour, Contact form etc.

Or, contact the Joinup Support Team:
<https://joinup.ec.europa.eu/contact>

A screenshot of the Joinup platform's main page. The header is dark blue with the "joinup" logo on the left and navigation links for "COLLECTIONS", "SOLUTIONS", and "KEEP UP TO DATE" on the right. Below the header, there's a large blue banner with the "Joinup" logo and statistics: "Last update about 2 hours ago", "14227 Members", and "9 Solutions". A yellow callout box highlights a help menu in the top right corner with options: "About Joinup", "Take a tour", "FAQ", "HOW-TOs", "Contact support", and "Satisfaction survey 2019". The main content area features a left sidebar with a menu (Overview, Members, About, Roadmap, How-To articles, Help videos, FAQ) and a central grid of cards. The top card is "Webinars on Data Viz!" with 125 News items. The middle card is "Joinup webinar - Watch it now!" with 56 Documents. The right card is "Making Joinup 'your' platform" with 31 Events. The bottom row includes a "Satisfaction survey" card and another "Webinars on Data Viz!" card. The footer of the screenshot shows the "ISA²" logo.

Making Joinup “your Joinup”

RSS & subscription to newsletters



RSS feed supported!

Joinup now supports RSS feeds per collection. Use your preferred RSS Reader software to access – and subscribe to – the RSS feed of your choice.

A screenshot of the Joinup web interface. At the top, the "Joinup" logo is visible. Below it, there are statistics: "Last update 43 minutes ago" and "13740 Members 7 Solutions". A menu is open on the right side, with options "View", "Metadata", and "RSS feed". The "RSS feed" option is highlighted with a red box and a red arrow points to it from below. At the bottom of the page, there are three icons representing "News" (112), "Documents" (55), and "Newsletters" (29), with a "MORE" button to the right.

Easy subscription to newsletters

Users can quickly subscribe to a newsletter by entering their email address and clicking on the “SUBSCRIBE” button.

A blue rectangular form for newsletter subscription. It contains the text "Newsletter" at the top, followed by "Keep in touch with Joinup". Below that is a text input field labeled "E-mail address *". At the bottom of the form is a large blue button with the text "SUBSCRIBE" in white capital letters.

Also available for collection-specific content

Enabled and set up by collection owners, this special tile appears in the lower right corner in a collection’s Overview page.

What's next

Highlights & EU Login



Upcoming highlights

- ❑ Integration with GitHub for releases
- ❑ Visual & usability improvements to Joinup's Home Page
- ❑ Auto-resizable images to perfectly fit tiles
- ❑ Advanced search functionality
- ❑ User-managed collection subscriptions
- ❑ Search Engine Optimisations (SEO) for sharable content (i.e., via Twitter, LinkedIn etc.)

Migration to EU Login

EU Login is the EC's user authentication service. It allows authorised users to access a wide range of Commission web services, using a single email address and password.

- ❑ Available by the end of 2019
- ❑ Existing Joinup user accounts will have option to link to EU Login accounts
- ❑ With the roll-out of EU Login, all Joinup-only user accounts will be blocked after a specific time period

Joinup users will be notified/reminded (before & after the migration) when visiting Joinup, via our social media channels, Newsletter, and by email.



ISA² programme

You click, we link
✓ **Joinup**

Want to know more?

Get started

<https://joinup.ec.europa.eu/>

Stay tuned

 [@Joinup_eu](https://twitter.com/Joinup_eu)

 [Joinup Group](https://www.linkedin.com/company/joinup-group)

Contact us

<https://joinup.ec.europa.eu/contact>



Run by the Interoperability Unit at DIGIT (European Commission) with 131€M budget, the [ISA² programme](#) provides public administrations, businesses and citizens with specifications and standards, software and services to reduce administrative burdens.