Re³gistry Software and INSPIRE Registry

Latest updates and release plan

JRC INSPIRE Team

Latest updates from Re³gistry

Release 2.2.4 (27.07.2021)

https://github.com/ec-jrc/re3gistry/releases/tag/v2.2.4

🚀 **New Features**

- Align all the columns of the content items table to the left top
- Update CKEditor from version 4.11 to 4.16

🐛 **Bugfixes**

- Fixed one problem on the installer wizzard
- Fixed the redirect after login
- Fixed vulnerability issue regarding: SSL Cookie without Secure Flag
- Fixed the status link returned by the API
- Fixed the API by returning a list of successors/predecessors
- Fixed the link of the status on the management interface
- Fixed the URI making it a link on the service pages
- Fixed the language parameter on the content items tables for the items relation reference

Next release 2.2.5 (planned for the second half of October)

🚀 It will bring:

- Retire children when retiring collection
- Add the insert and edit date
- Make the URI clickable
- Add about page
- Other small features to the public interface

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Re³gistry 2 for the INSPIRE Registry
Where are we?

- Development: **completed**
- Testing: **completed**
- Security assessment: **completed**
- Bugs, features: **on-going**
- Target public release: **November 2021**

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INSPIRE registry

INSPIRE registry

URI	https://re3gistry-int.jrc.es/registry
Label	INSPIRE registry
Content Summary	The INSPIRE infrastructure involves a number of items, which require clear descriptions and the possibility to be referenced through unique identifiers. Examples for such items include INSPIRE themes, code lists, application schemas or discovery services. Registers provide a means to assign identifiers to items and their labels, definitions and descriptions (in different languages). The INSPIRE registry provides a central access point to a number of centrally managed INSPIRE registers. The content of these registers are based on the INSPIRE Directive, Implementing Rules and Technical Guidelines.
Registry Manager	European Commission, Joint Research Centre
Other formats:	XML Registry XML ISO 19135 RDF/XML JSON CSV

Contained items

Show 10 entries Showing 1 to 10 of 10 entries Search:

Label
INSPIRE application schema register
INSPIRE code list register
INSPIRE enumeration register
INSPIRE feature concept dictionary
INSPIRE glossary
INSPIRE layer register
INSPIRE media-types register
INSPIRE metadata code list register
INSPIRE reference document register
INSPIRE theme register

INSPIRE Registry
version 2.0.0

The INSPIRE Registry is managed by the European Commission Joint Research Centre B6 Unit

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Re³gistry: where to find it?

Re3gistry 2 software

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About the Re3gistry 2

The Re3gistry 2 is a reusable open source solution for managing and sharing "reference codes".

It provides a consistent central access point where labels and descriptions for reference codes can be easily browsed by humans and retrieved by machines.

Reference codes are exchanged between applications to uniquely reference some 'thing'. They can be used to define sets of permissible values for a data field or to provide a reference or context for the data being exchanged. Examples are enumerations, controlled vocabularies, taxonomies, thesauri or, simply, 'lists of things'.

The Re3gistry 2 supports organisations in managing and updating reference codes in a consistent way.

The Re3gistry software version numbers comply with the Semantic Versioning Specification 2.0.0.

GitHub

https://github.com/ec-jrc/re3gistry

joinup

https://joinup.ec.europa.eu/collection/are3na/solution/re3gistry/about

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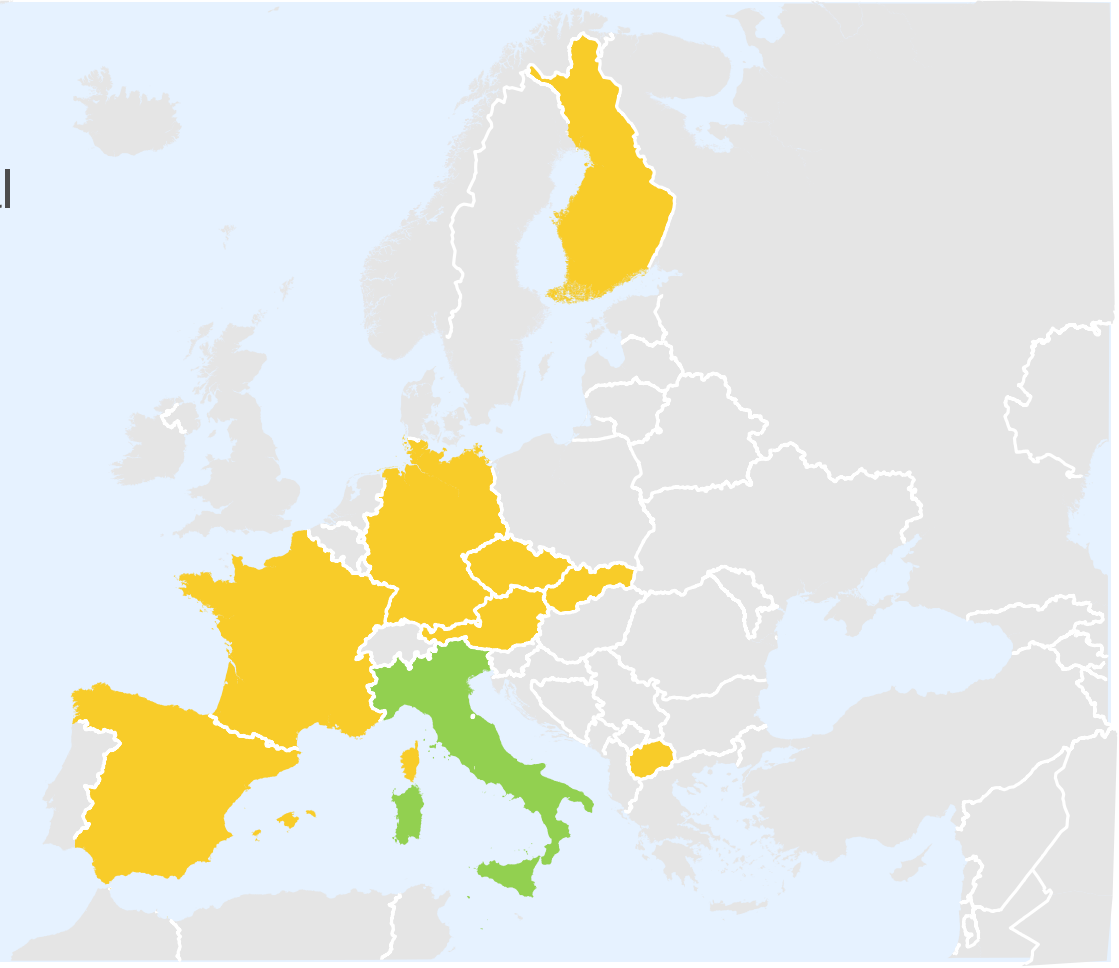
Re³gistry: who is using it?

- Public sector
  - European Commission, national agencies Member States, ecc.
- Private sector
- Other

- In Europe, but not just!



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Re³gistry: where to find it?

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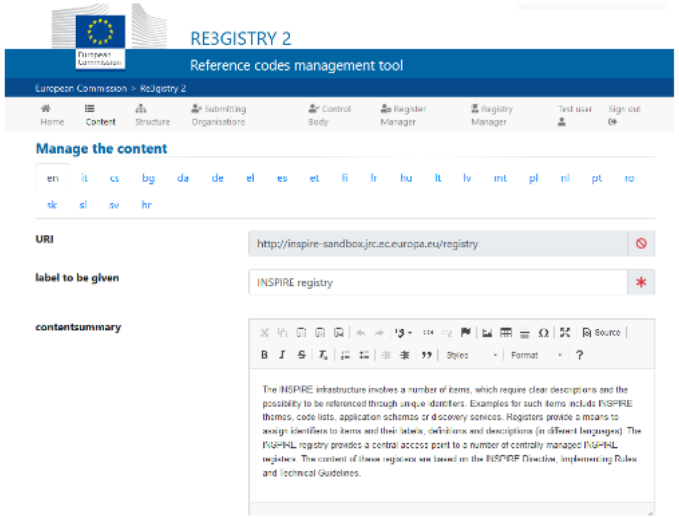
Re3gistry

About

The Re3gistry 2 is a reusable open source solution for managing and sharing "reference codes". Initially developed as a central component of the EU's INSPIRE infrastructure, it provides a consistent central access point where labels and descriptions for reference codes can be easily browsed by humans and retrieved by machines. Reference codes are exchanged between applications to uniquely reference some 'thing'. They can be used to define sets of permissible values for a data field or to provide a reference or context for the data being exchanged. Examples are enumerations, controlled vocabularies, taxonomies, thesauri or, simply, 'lists of things'. The Re3gistry 2 supports organisations in managing and updating reference codes in a consistent way. The Re3gistry software version numbers comply with the Semantic Versioning Specification 2.0.0.

Core Features

- User-friendly editing interface to easily add, edit and manage the registers and reference codes
- Management of the full lifecycle of the reference codes (based on the ISO 19135 Standard)
- Highly flexible and customisable data models
- Multi-lingual content support
- Support for versioning
- RESTful API with content negotiation (including OpenAPI 3 descriptor)
- Free-text search
- Supported formats: HTML, ISO 19135 XML, JSON
- Service formats can be easily added or customised (default formats: JSON and ISO 19135 XML)
- Multiple authentication options
- Externally governed items referenced through URIs
- INSPIRE register federation format support (option to automatically create the RoR format)
- Web-app to access the reference codes in a human readable way.



https://live.osgeo.org/it/overview/re3gistry_overview.html

https://live.osgeo.org/it/quickstart/re3gistry_quickstart.html

FOSS4G BUENOS AIRES 2021

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Re³gistry showcased at different events

- 21/07- EventiPA - Webinar "***Registries and reference code management***" in collaboration with the Agency for Digital Italy (AgID)
  News and related material: https://joinup.ec.europa.eu/node/704555

- 21/09 - FOSS4G-IT 2021 - Talk "***Register management in data infrastructures: the new version of Re3gistry and its use in Italy***"
  https://foss4g-it2021.gfoss.it/index.html

- 01/10 FOSS4G 2021– Buenos Aires - Talk "***Open source geospatial software powering policy implementation: the INSPIRE central infrastructure components***."
  https://callforpapers.2021.foss4g.org/foss4g2021/talk/ZKRWYN/

Thank you!

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