



MIWP Action 2.4 Central INSPIRE Infrastructure Components

INSPIRE Registry

JRC INSPIRE Team

69th MIG-T meeting – April 1, 2022

Re3gistry software

Latest releases

- Major release (2.3.0) – 10th March 2022

<https://github.com/ec-jrc/re3gistry/releases/tag/v2.3.0>

- Latest hotfix release (2.3.1) – 23rd March 2022

<https://github.com/ec-jrc/re3gistry/releases/tag/v2.3.1>

v2.3.0 10/03/2022

emanuelaepure10 released this 21 days ago · 8 commits to master since this release v2.3.0 7e88a04

New Features

- Update the caching after publishing a change from the management interface
- Add the cache all - master language, cache all and remove cache buttons to the management interface
- Show just valid items when selecting a successor for an item
- Update libraries
- Change date format
- Init SHIRO in the constructor
- Make the login page mobile friendly
- Add release note
- Add API documentation page
- Cache just the active languages
- When a codelist is "retired", all the contained codelist values should be retired
- Make it possible to set more properties using Maven build profiles
- Update Shiro initialisation, update Shiro documentation
- Update the handling of the helper files (system.installed, ...)
- Improve error logging
- Add "Other formats" to the webapp
- Update CKEditor
- Update RestAPI

Bugfixes

- Fixed the RDF/JSON problem when importing to Geonetwork
- Fixed Malformed XML/JSON export when label contains whitespace
- Fixed Save the email in lower case when using ECAS
- Fixed vulnerability of log4j-code and log4j-api
- Correct name of logger; fix bug with logger that is null when error
- Fixed code that modifies requested URI
- Remove application.status.baseuri from pom.xml
- Fix several typos in documentation
- Solve vulnerability issue regarding: SSL Cookie without Secure Flag

v2.3.1 23/03/2022 Latest

emanuelaepure10 released this 8 days ago · 6 commits to master since this release v2.3.1 7d30eb3

Bugfixes

- Fixed the missing update of used libraries for both re3gistry2 and re3gistry2restapi for the /dist folder

Assets 2

- Source code (zip)
- Source code (tar.gz)

Re3gistry software

Re³gistry v2 - Where to find it?

Re3gistry 2 software

license EUPL 1.2

© 2020 European Union, National Land Survey of Finland. Licensed under the EUPL.



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](#).



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



<https://joinup.ec.europa.eu/collection/a-re3na/solution/re3gistry/about>

INSPIRE Registry

Software update

- Currently based on Re3gistry v1.3
- Update to Re3gistry v2
- Current status:
 - **Completed:** Development; Correction of bugs and new features, Testing in sandbox environment.
 - **In process:** Security assessment.
- Launch expected by May 2022.

Maintenance and evolution

- INSPIRE Operational Support: Re3gistry SW, Registry Federation tool and INSPIRE Registry.
- Handover to contractors in process.



The screenshot shows the INSPIRE Registry website. At the top, there is a navigation bar with the European Commission logo and the text 'INSPIRE Registry'. Below this is a search bar and a language selector set to 'English (en)'. The main content area features a 'Help us improving the Re3gistry software!' survey link. The 'INSPIRE registry' section provides details: ID (http://inspire.ec.europa.eu/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...), and Registry manager (European Commission, Joint Research Centre). Below this, there are icons for 'Other formats' including XML, JSON, Atom, and CSV. A 'Registers' section lists various registers such as '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', and 'INSPIRE theme register'. At the bottom, there is a footer with the text 'The INSPIRE Registry has been developed under Action 1.17 of the ISA Programme: A Reusable INSPIRE Reference Platform.' and 'Powered by: Re3gistry 1.3'.

<https://inspire.ec.europa.eu/registry>

Reuse of tools & Community building

Reuse of the tools

- Publications Office of the European Union analyzing / considering using the Re3gistry SW tool for the publication of Corporate Reference Data Sets.



Community building

- Participation in the Google Summer of Code (GSoC)
<https://summerofcode.withgoogle.com>
- GSoC proposals
OSGeo Page:
https://wiki.osgeo.org/wiki/Google_Summer_of_Code_2022_Ideas
GitHub Re3gistry page:
<https://github.com/ec-jrc/re3gistry/wiki/Google-Summer-of-Code-2022>

Google Summer of Code 2022 Ideas



Google Summer of Code @



Thank you!



JRC-INSPIRE-SUPPORT@ec.europa.eu

© European Union 2020

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.

