



Updates on central INSPIRE components – Re3gistry updates

JRC INSPIRE Team

65th MIG-T meeting – April 15/16, 2021

Re3gistry 2 software

The Re3gistry 2 software was released on the 20th of July.

This new version greatly improves the former Re3gistry 1.3 software including many features.

- User friendly editing interface
- Built-in ISO19135 Reference codes management workflow
- Bulk import
- Improved JSON and ISO19135 formats
- Ready to use & customisable public user interface (web application)
- Installation wizard including migration from Re3gistry 1.3
- RESTful API
- New User, Administrator and Developer guides

Re3gistry 2 software as open source

The Re3gistry 2 has been officially published as an **open source project** on the **GitHub** platform with the aim to foster the **creation of a community** helping to improve and maintain it.

Re3gistry 2 is funded by the ISA2 Programme through the ELISE Action
<https://joinup.ec.europa.eu/collection/are3na/solution/re3gistry/about>

The software has been developed in cooperation with the National Land Survey of Finland.



Re3gistry 2 community

After the release of v2.0.0 the community of re-users started to grow.

- Feedback on the tool
- Bug report
- Suggestions for improvements

New release following some of the feedback reported on the community space

Re3gistry v 2.1.0

<https://github.com/ec-jrc/re3gistry/releases/tag/v2.1.0>

The screenshot displays the GitHub interface for the repository `ec-jrc/re3gistry`. At the top, there are navigation links for Pulls, Issues, Marketplace, and Explore. Below the repository name, there are statistics for Watch (8), Star (5), and Fork (3). The main navigation bar includes Code, Issues (4), Pull requests, Actions, Projects, Wiki, Security, and Insights. A search bar is present with the query `is:issue`. Below the search bar, there are filters for Labels (10) and Milestones (0), along with a 'New issue' button. The issue list shows 4 open issues and 27 closed issues. The open issues are:

- Publish changes on registry element** (bug, under development, 10 comments, closed 7 days ago)
- Can't find associated items** (2 comments, closed 23 days ago)
- Remove registers and items** (2 comments, closed on Mar 16)
- Where to find descriptor metadata files?** (enhancement, under development, 1 comment, closed 7 days ago)
- Errors in migration of the database tables from an existing Re3gistry installation** (bug, under development, 1 comment, closed 7 days ago)
- Write permission for configuration_files folder** (enhancement, under development, 1 comment, closed 7 days ago)
- CSV bulk import of second-level items seen as first-level items?** (bug, under development, 2 comments)

Re3gistry v 2.1.0

New release following some of the feedback reported on the community space

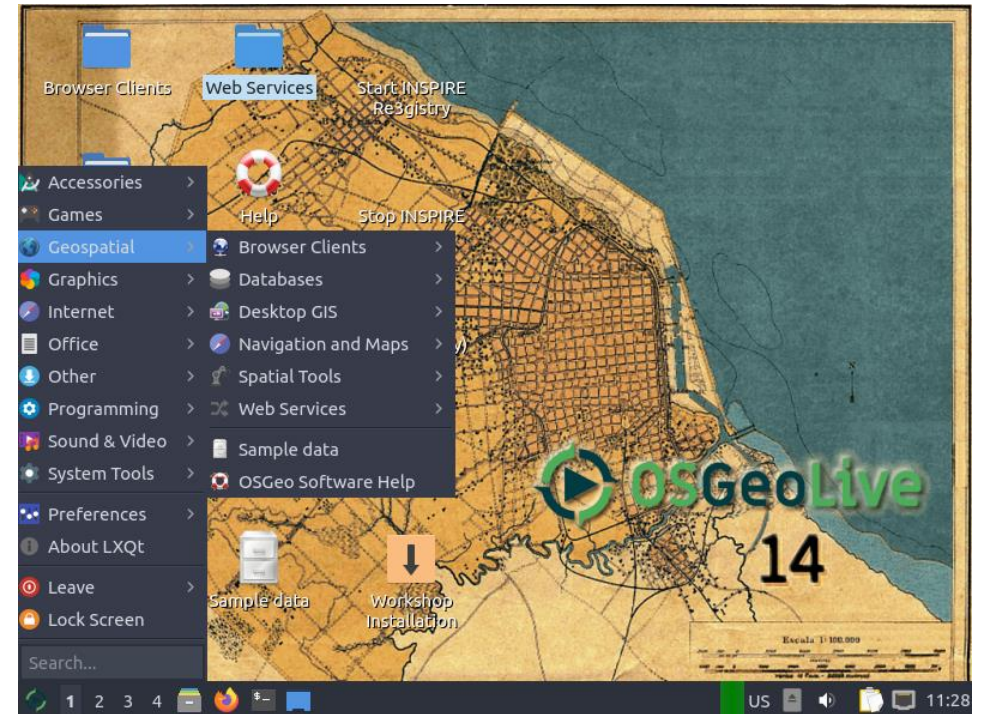
Re3gistry v 2.1.0

<https://github.com/ec-jrc/re3gistry/releases/tag/v2.1.0>

- Added the ROR format (INSPIRE register federation)
- Added the missing formats: Re3gistry XML and JSON, RFD/XML, CSV
- Added the RDF format including the complete register export in one file
- Improvements in the documentation
- Updating the Re3gistry 2 cache to the new EHCACHE Disk based cache

Inclusion of the Re3gistry in the OSGeo Live

- OSGeo Live is an educational project of OSGeo:
 - Linux-based distribution (available as a DVD, bootable USB drive or VM) with several open source geospatial projects installed and ready to use
 - ideal to try new software and familiarize with it
- Next version (v.14)
 - Re3gistry v.2 available for the first time
 - updated section on INSPIRE



Re3gistry 2 for INSPIRE

- [Release 2.1.0](#) – Including all the original formats – April 2021
- JRC Security assessment – May 2021
- Public release – June 2021

The screenshot shows the 'Re3gistry 2' interface, a 'Reference codes management tool' from the European Commission. The page is in English (en) and features a navigation menu with options like Home, Content, Structure, Submitting Organisations, Control Body, Register Manager, and Registry Manager. The main section is titled 'Manage the content' and includes a language selector (en, it, cs, bg, da, de, el, es, et, fi, fr, hu, lt, lv, mt, pl, nl, pt, ro, sk, sl, sv, hr). Below this, the 'INSPIRE registry' details are displayed:

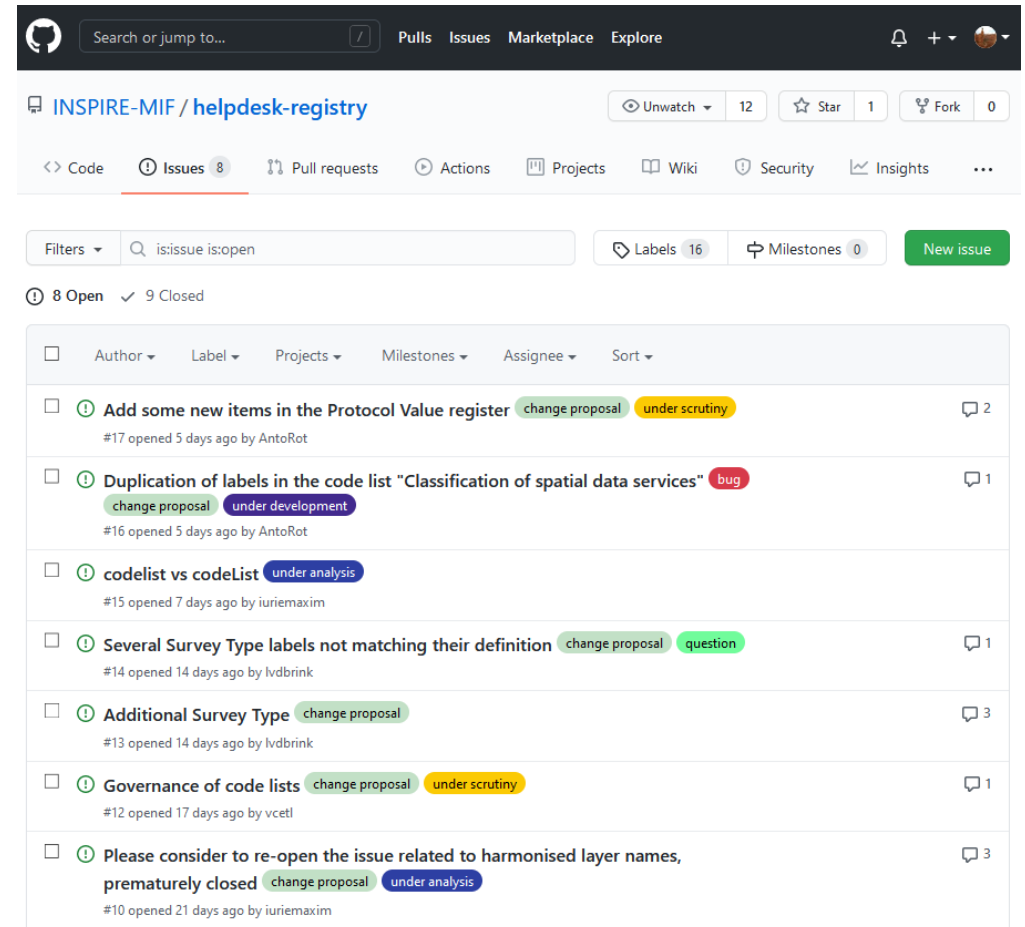
- URI:**
- label:**
- contentsummary:** A rich text editor containing the text: "The INSPIRE code list register contains the code lists and their values, as defined in the INSPIRE implementing rules on interoperability of spatial data sets and services (Commission Regulation (EU) No 1089/2010). NOTE: It does not yet include references to external code lists and the additional code lists and extended values proposed in the Data Specification Technical Guidelines."

The screenshot shows the 'INSPIRE registry' page on the European Commission website. The page is in English (EN) and features a search bar and a navigation menu. The main section is titled 'INSPIRE registry' and includes the following metadata:

- URI:** <http://inspire-tools-dev.ies.jrc.it/registry>
- label:** INSPIRE registry
- contentsummary:** 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.
[add more lines](#)
- registryManager:** European Commission, Joint Research Centre
- status:** Valid

INSPIRE registry helpdesk migrated

- The INSPIRE registry helpdesk has been migrated to [GitHub](#) .
- The old issues are still available in [the archived website](#).
- The INSPIRE registry helpdesk follows a specific workflow involving appointed [Submitting Organisations](#) & [Control Body](#)
- Updated the [INSPIRE registry – Terms of Reference for the Control Body and Submitting Organisations](#)
- Submitting Organisation & Control Body representatives can be nominated/updated using a [dedicated template in GitHub](#).
- Added the new [code of conduct](#)



The screenshot shows the GitHub interface for the repository 'INSPIRE-MIF / helpdesk-registry'. The page displays a list of 8 open issues. Each issue entry includes a checkbox, a title, a status label (e.g., 'change proposal', 'under scrutiny', 'bug', 'under analysis'), and a comment count. The issues are:

- #17: Add some new items in the Protocol Value register (change proposal, under scrutiny, 2 comments)
- #16: Duplication of labels in the code list "Classification of spatial data services" (change proposal, under development, bug, 1 comment)
- #15: codelist vs codeList (under analysis, 1 comment)
- #14: Several Survey Type labels not matching their definition (change proposal, question, 1 comment)
- #13: Additional Survey Type (change proposal, 3 comments)
- #12: Governance of code lists (change proposal, under scrutiny, 1 comment)
- #10: Please consider to re-open the issue related to harmonised layer names, prematurely closed (change proposal, under analysis, 3 comments)

INSPIRE Register Federation

The [INSPIRE Register Federation](#) service is ongoing.

- **10 registers federated** in the system coming from different stakeholders in the INSPIRE context
- Promoting the use of the federation to **share reference codes** in the context of INSPIRE
- Feel free to register your extension

Filter Label	Filter Publisher	Filter URI
Label	Publisher	URI
European Geoscience Registry	BRGM ↗	https://data.geoscience.earth/ncl/ ↗
Système de publication de registres de l'IDG française	BRGM ↗	http://registre.geocatalogue.fr/registry ↗
INSPIRE registry	European Commission, Joint Research Centre ↗	http://inspire.ec.europa.eu/registry ↗
EEA Data Dictionary vocabularies	European Environment Agency ↗	http://dd.eionet.europa.eu/vocabularies ↗
Austrian INSPIRE registry	CCCA Data Centre ↗	http://registry.inspire.gv.at ↗
INSPIRE Italia Registry	Agency for Digital Italy ↗	http://registry.geodati.gov.it/registry ↗
Lithological Classification Austria - extended values	Geological Survey of Austria ↗	http://resource.geolba.ac.at/lithology/0 ↗
Spanish INSPIRE registry	Centro Nacional de Información Geográfica ↗	http://registro.idee.es/registry ↗
BRGM (French geological survey) registry tool	BRGM ↗	https://data.geoscience.fr/ncl/ ↗
IUGS CGI Geoscience Vocabularies for Linked Data	Geoscience Terminology Working Group (GTWG) ↗	http://resource.geosciml.org/ ↗

Thank you!



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