

Top reasons to use the Re³gistry

- Ensures semantic interoperability when exchanging data between systems and applications
- Increases the value of reference codes by making them easy to re-use and reference
- Facilitates internationalisation of user interfaces by providing multilingual labels
- Helps avoid common errors such as entering synonyms or spelling mistakes when filling out online forms

Links

Getting started

<https://joinup.ec.europa.eu/software/re3gistry/>

More about the tool

http://ec.europa.eu/isa/ready-to-use-solutions/re3gistry_en.htm

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

An action supported by ISA

This action is supported by ISA, the European Commission's programme for interoperability solutions for European public administrations.

Why ISA?

Administrative procedures have the reputation of being lengthy, time-consuming and costly. Electronic collaboration between public administrations can make these procedures quicker, simpler and cheaper for all parties concerned, in particular when transactions need to be carried out cross-border and/or cross-sector.

ISA supports this type of electronic collaboration. With more than 40 actions it provides tools, services and frameworks for the modernisation of public administrations in Europe, across e-borders and sectors.

More on the programme:

<http://ec.europa.eu/isa/>

Contact ISA:
isa@ec.europa.eu



Re³gistry

Managing and sharing reference codes

ISA programme
Interoperability Solutions
for European Public Administrations

The business need

Public administrations, businesses and citizens regularly exchange data across borders and sectors using reference codes. These codes uniquely identify key concepts to which data is referring, and they can be mapped to labels and descriptions in different languages.

By using reference codes rather than textual descriptions, applications and users can understand the data being exchanged. Reference codes are also used to define sets of permissible values for a data field, or to provide a reference or context for the data being exchanged. Examples of such reference codes include enumerations, controlled vocabularies, taxonomies, thesauri, or simply lists of several items.

Reference codes must be managed consistently. It is important for shared codes not to change or simply disappear over time – all versions of a code need to be traceable and properly documented.

Reference codes are used everywhere, such as:

- Country codes
- Postcodes
- Social security numbers
- Airport codes
- European road numbers



The solution

The Re³gistry is an open source solution for managing and sharing reference codes developed by the European Commission's [Joint Research Centre](#), within the [ISA programme](#) through the [ARE3NA project](#). Re³gistry allows a central access point to be set up where labels and descriptions for reference codes can be easily checked by humans or retrieved by machines. It provides the consistency and support organisations need to manage and share their reference codes.

The Re³gistry software manages the registers of the INSPIRE Registry. These systems support the implementation of the INSPIRE Directive by providing free access to over 5 000 reference codes in 23 languages, with the ability to view, download or query them in 7 different formats.

You can find more information at:
<http://inspire.ec.europa.eu/registry>

The benefits

- The Re³gistry is a flexible and customisable tool
- Several formats are supported: HTML, XML, XML ISO 19135, JSON, RDF, Atom and CSV
- Formats can be easily customised
- New formats can be added through transformation files
- An underlying model for registry items that can also be easily customised
- Support for multilingual content
- Support for versioning
- Free-text search
- Support for web service deployment
- Integration with ECAS authentication

