Re3gistry
A tool to manage and share reference codes

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Why do we need reference codes?

Country: **Italia**  
Theme: **Suolo**

Country: **Deutschland**  
Theme: **Boden**

Country: **Ελλάδα**  
Theme: **έδαφος**

Country: **DE**  
Theme: **Boden**
Why do we need reference codes?

Country: countryCode/it
Theme: theme/so

Country: countryCode/de
Theme: theme/so

Country: countryCode/el
Theme: theme/so

Country: countryCode/de
Theme: theme/so
Managing reference codes

**Registry:** information system on which reference codes are maintained

**Register:** set of files containing identifiers assigned to items with descriptions of the associated items

- Create
- Store/serve
- Update
  - Clarification
  - Supersession
  - Invalidation
  - Retirement
Why do we need registries in INSPIRE?

Key infrastructure components to

- allow unambiguous references to items
- provide unique and persistent identifiers for resources
- allow their consistent management and versioning

Central INSPIRE registry contains registers for

- themes
- code lists and values
- enumerations and values
- feature concepts
- Metadata code lists and values
- application schemas
- glossary
- reference documents
- layers
Re3gistry **Software**
An open source solution for managing and sharing reference codes

**ARe³NA**
ISA Action 1.17

**ELISE**
European Location Interoperability Solutions for eGovernment
ISA² Action 10
Re3gistry Software – Features (v1.2)

- Multi-lingual Search
- Versioning
- Common data
- Custom data
- Status (valid, superseded, ...)
- Parent-child hierarchy
- Linked items
- Multiple formats
- Hierarchical registers (collections)
Re3gistry Software
Re3gistry Software
**Re3gistry Software**

XML, RDF, Json, ...
Outlook: Future Re3gistry versions

Version 1.3 (pre-release testing)
• Reference to externally defined values
• Register Federation support (MIWP-6)

Version 2.0 – Planned improvements
• Editing user interface
• Guided software installation
• API (direct calls)
• Re3gistry software as a service (SaaS)
• Other suggestions?
Come to the INSPIRE booth to see a demo

Re3gistry Survey: we need your feedback!

28/09 15:30 - 16:00 Re3gistry demo
29/09 15:30 - 16:00 Register federation
30/09 10:30 - 11:00 Re3gistry demo

Contact us at inspire-registry-dev@jrc.ec.europa.eu

http://europa.eu/!Bn84Ct