RDF and PIDs for INSPIRE: a missing item in ARE3NA

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ARe³NA
A Reusable INSPIRE Reference Platform
Rationale

- Lack of agreed rules or guidelines on how to create RDF vocabularies from the UML models.
- Lack of best practices and guidelines in the area of global identifiers PIDs.
Set-up of the study

1. Setting the scene
2. Developing proposals
3. Refinement & recommendations
Preliminary results and open questions

- State-of-Play: Scattered applications of RDF/PID
- Issues for discussion

**Resource Description Framework (RDF):**
- Transformation prerequisites & patterns
- Dealing with complexity of INSPIRE UML models
- Existing domain models (CityGML, GeoSciML...)
- Integration data-metadata
- Coverages to OWL

**Persistent Identifiers (PID):**
- Reconciling technical and organisational requirements
- Broader ICT-context (DOI)
- Desired degree of formalisation
- More examples of AS-IS URIs
- PIDs for non-spatial feature types
Help us build bridges from INSPIRE to eGovernment!

WHY?
- Informed discussion with stakeholders
- Improvements proposed and need to have potential obstacles identified.

HOW?
- **WEBINAR I** State-of-play RDF and PIDs 13/3/2014
- **WEBINAR II** Guidelines on methodologies 5-6/5/2014

More Details: