ERGO

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The aim of this project is to develop Collection and Service discovery and Catalogue search interfaces using the OMAR and GoeNetwork opensource packages.

Moreover the updated OMAR EbRim software will be integrated in the SSE Toolbox.
The consortium

Intecs
Italy

GeoCat B.V.
The Netherlands

Foresee Technology
Belgium
Buddata ebXML Registry/Repository (or ebRR in short) is an open source implementation of the OASIS ebXML Registry and OGC Catalogue Service.

Buddata ebRR put's a strong focus on its geospatial capabilities and the goal of the project is to include all so-called "ebRIM Profiles" or "extension packages" as defined by the OGC Catalogue Service, but also to support any other ebRIM profiles.
Natively it implements (Secured) SOAP Web Service interfaces based on the OASIS ebXML RS 3.0 and OGC Catalogue Service specifications.

Its main other features are:

• a harvesting component with transformation capabilities to translate XML-based metadata in GML and ISO formats to ebXML RIM (with OGC geospatial extensions)
• a Java API to access the ebRR directly from Java code.

Buddata ebRR is distributed via an GPL v3 open source license via Google Code.
GeoNetwork opensource is an established, standards based, Free and Open Source catalog application to manage spatially referenced resources through the web.

It provides
• metadata editing and search
• an embedded interactive web map viewer.
GeoNetwork EbRim support

- Implement CSW based on the ebRIM profile using the ISO19115/19119 metadata extension package

- Support storage and retrieval of large numbers of metadata records

- CSW ebRIM should enhance existing GeoNetwork functionality, not replace.
The SSE Toolbox is an opensource web service publishing framework.

- It natively supports:
  - The SSE interfaces
  - The EOLI interfaces

- Publishing based on an XML scripting language

- Support for synchronous and asynchronous (WS-Addressing) operations.

- Support for human interaction

- Web based monitoring interface

- Eclipse based development environment
Proxy approach
  - Integration of legacy catalogues based on the XML scripting language

Stand alone approach
  - Integration of the ebXML catalogue as plug-in
  - Deployment of data via scripting

Built in catalogue client
Planning

- Updated SSE Toolbox Architectural Design Document
- Updated SSE Toolbox User Manual
- Updated SSE Toolbox software package
- Geospatial OMAR Architectural Design Document
- Geospatial OMAR Installation and User Manual
- Geospatial OMAR software package
- GeoNetwork Architectural Design Document
- GeoNetwork Installation and User Manual
- GeoNetwork Software package
- Acceptance Test Plan
- Conformance Test Plan
- Updated Toolbox Test Plan

- Validated GeoNetwork opensource software
- Validated OMAR software
- Test Data package
- OMAR Acceptance Test report
- OMAR Conformance test report
- GeoNetwork Acceptance Test report
- GeoNetwork Conformance test report
- Toolbox Acceptance Test Report

Excel file including all the RIDs issued during the course of the project
Project executive summary including lessons learnt
Final Technical Data Package