

GeonetCast SDI - data for Europe -

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The Idea

- Create a SDI to provide
 - distributed search for access to a huge volume of metadata from different [sources](#) (initially raster imagery with the potential to expand inclusion by request)
 - interactive map viewer to create maps of selected information from distributed internet servers
- Using [GeoNetwork](#), this application will implement 4 services of OGC specifications
 - Portal Services
 - Catalog Services
 - Data Services
 - Portrayal Services

Work Plan

- Portal Services
 - provide access to geospatial information (map viewer, metadata editor)
 - manage the portal and users (authentication and access control)
- Catalog Services
 - collect and maintenance descriptive information about data on the network
 - distributed search capabilities

Work Plan

- Data Services
 - provides access to spatial content in repositories and databases (WFS, WCS)
- Portrayal Services
 - the visualization on the Internet of geospatial information (WMS)

Work Assignment

- Software installation and configuration -> 15 hours
- GUI design -> 5 hours
- System analysis -> 15 hours
- Prepare the map and relevant metadata -> 20 hours
- Data entry -> 10 hours
- Manage privileges and categories -> 2 hours
- Manage users and groups -> 2 hours
- Map viewer + Google Earth -> 35 hours
- Set up WMS -> 40 hours
- Documentation -> 10 hours

Total : 154 hours