map4rdf

Map-based visualization for Linked Data

Ontology Engineer ingGroup

Map4RDF is a mapping and faceted browsing tool for exploring and visualizing RDF datasets enhanced with geospatial information.
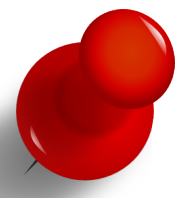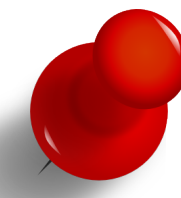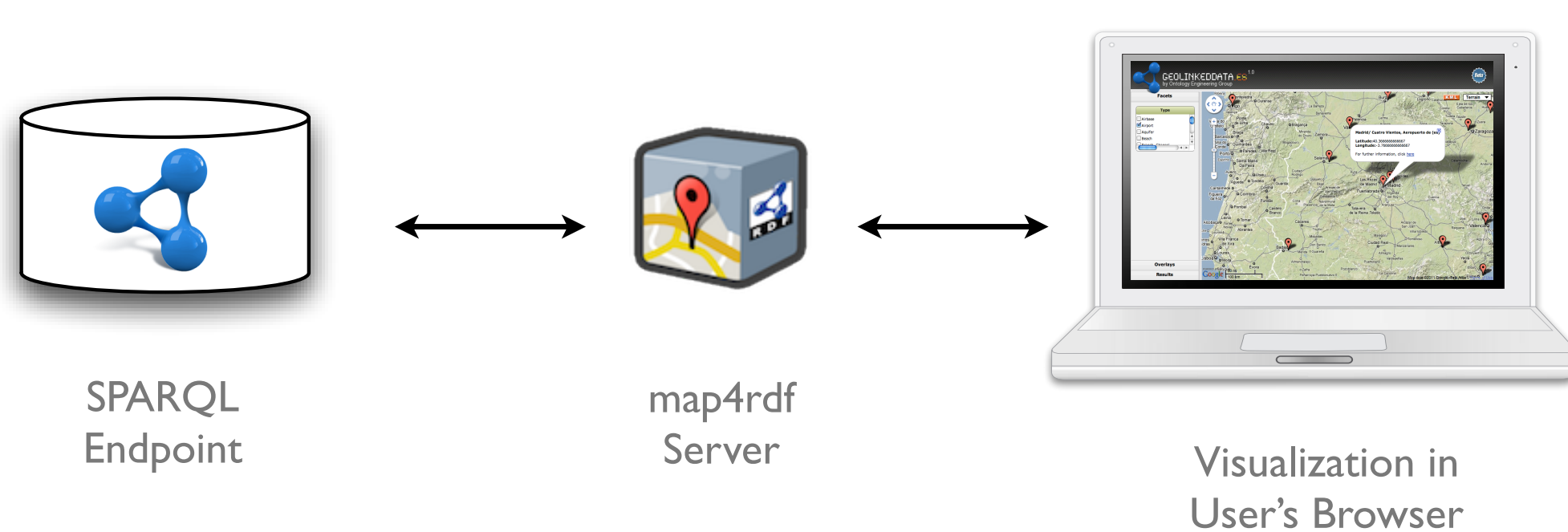
Functionality

◇ Configurable faceted browser interface.

◇ Visualization of geometries (LineString, Polygons, etc.).

◇ Supports different data models: GeoLinkedData, DBpedia, VCard.

◇ Visualization of statistical data using SCOVO.
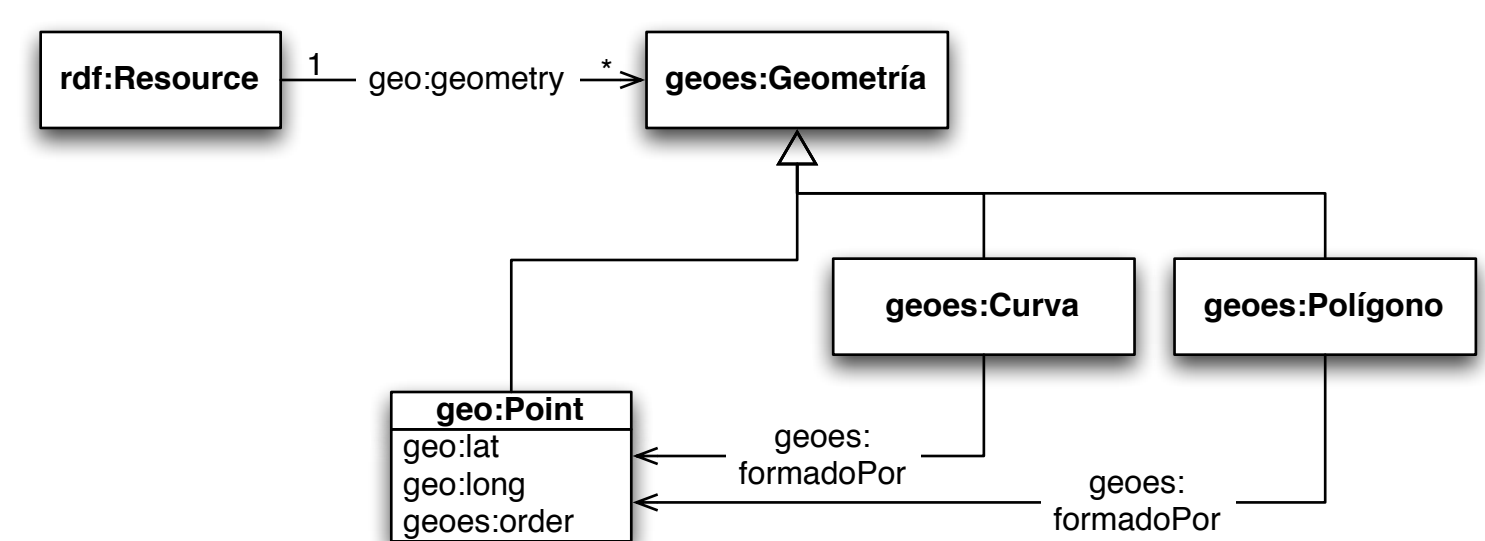
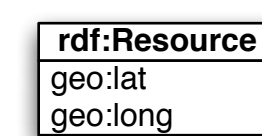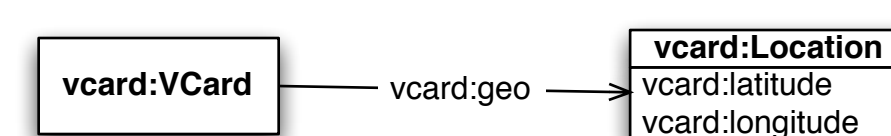◇ Support for Web Map Services (WMS).
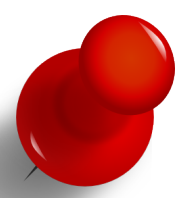
Multitier Architecture

SPARQL Endpoint

map4rdf Server

Visualization in User's Browser

Data Models

GeoLinkedData Model

DBpedia Model

rdf:Resource
geo:lat
geo:long

VCard Model

Namespaces:

```
geo: http://www.w3.org/2003/01/geo/wgs84_pos#
geoes: http://geo.linkeddata.es/ontology/
vcard: http://www.w3.org/2006/vcard/ns#
```
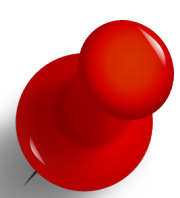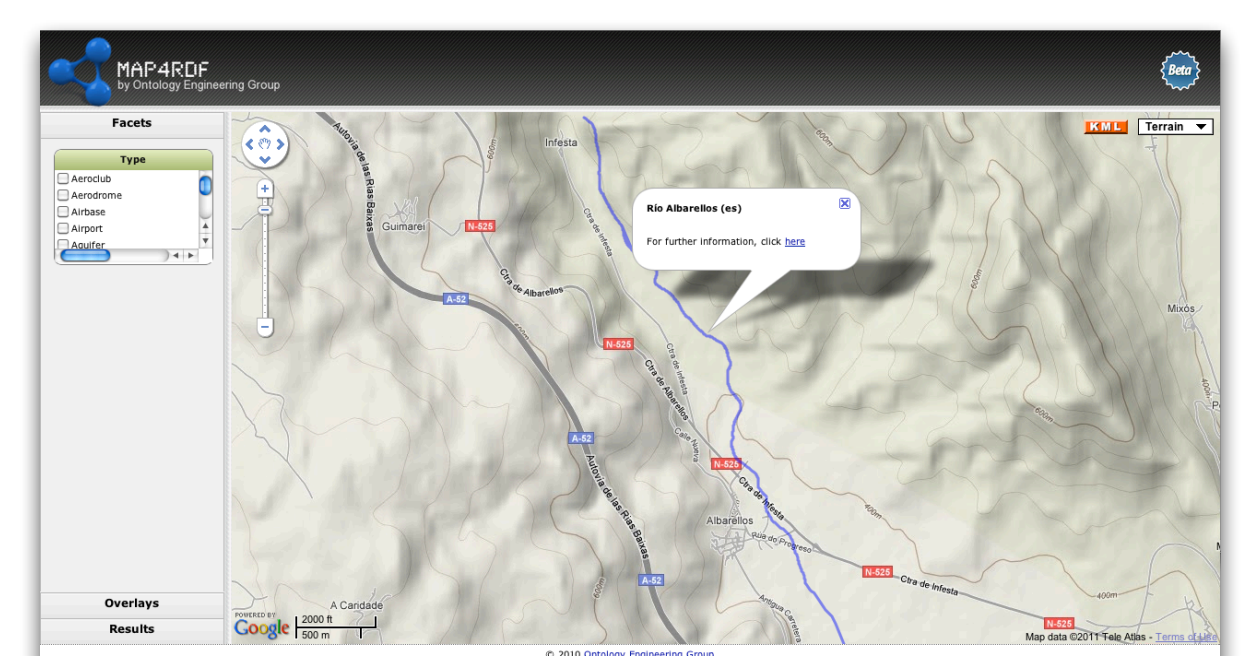
Screenshots

Faceted browsing
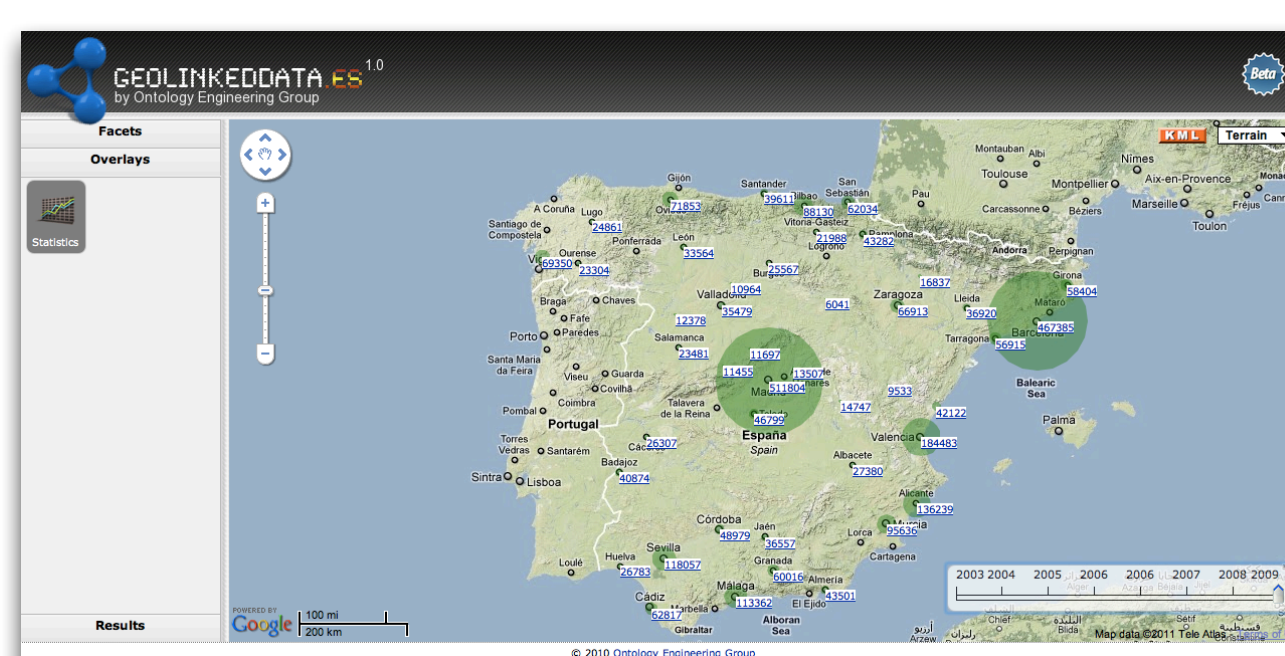
Statistics overlay

Geometries

http://geo.linkeddata.es/web/guest/map4rdf