



LinkGeoML

Automatic and accurate interlinking of geospatial data using machine learning

LinkGeoML aims at researching, developing and extending machine learning methods, utilizing open geospatial data in order to implement automated and highly accurate algorithms for interlinking geospatial entities. It is an open source software that can also be integrated in existing commercial applications.

LinkGeoML identifies use cases based on real-world integration problems, elicited by its two industrial partners, Eratosthenes SA and GEODATA SA, and investigates how machine learning-based interlinking methods can be applied to these use cases and facilitate their handling, in real-world data. The final product can be used in Geomarketing, Geocoding and Cadastration projects.

The four cases it aims to solve are:

- ✓ Interlinking of Toponyms and Addresses
- ✓ Annotation of Points of Interest
- ✓ Geocoding of Addresses
- ✓ Integration of Land Parcels and Roads

LinkGeoML comprises a partnership between ATHENA RC/IMSI, ERATOSTHENES SA and GEODATA SA.

Project

LinkGeoML is a 2-year project Co-financed by Greece and the European Union.

Full title: LinkGeoML: Automatic and accurate interlinking of geospatial data using machine learning.

Operational Programme: Competitiveness, Entrepreneurship, Innovation.

Call: ESPA 2014-2020 – Research, Create, Innovate – II. Partnerships between Enterprises and Research Organizations.

Topic: 8-ICT: Information and Communication Technologies – 8.1.1 Open data, Big data.

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