1. The problem

Existing Entity Extraction tools associate each recognized entity to a single dataset.

It is not trivial to extract information for the entities of a text from multiple RDF datasets simultaneously.

2. The proposed research prototype LODsyndesis

LODsyndesis is a research prototype that offers Entity Extraction from text and Entity Enrichment for the extracted entities, by using hundreds of RDF datasets simultaneously.

It uses any combination of three popular entity recognition tools for identifying the entities of a text.

It exploits LODsyndesis, which supports cross-dataset identity reasoning, for extracting more information for each identified entity from 400 RDF datasets.

3. The process of LODsyndesis

1. Input Text from user

2. Entity Recognition and Text Annotation

3a. Find Related Facts

3b. Export annotated text in RDFa format

3c. For each recognized entity, browse or export in several formats...

3. Information Extraction by using LODsyndesis

4. Applications of LODsyndesis

A. Comparison of Entity Recognition Tools

B. Data Integration and Enrichment

C. Dataset Discovery and Selection

D. Data Veracity

5. TRY LODsyndesis

TRY LODsyndesis and its REST API

https://demos.isl.ics.forth.gr/LODsyndesisIE

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