Информационно-поисковая система научного и образовательного контента на основе открытых данных

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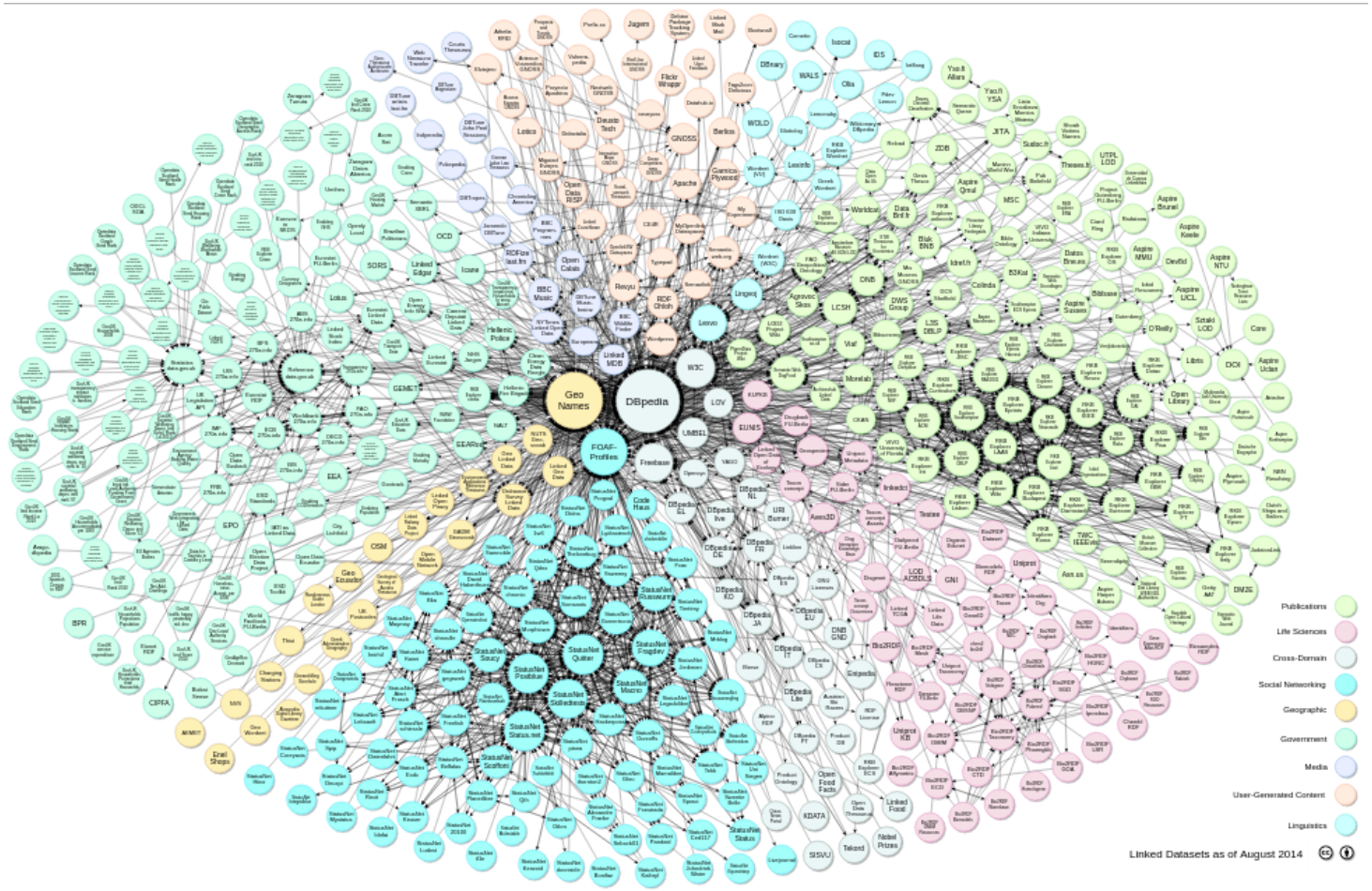
УНИВЕРСИТЕТ ИТМО

Linked Open Data (LOD)



УНИВЕРСИТЕТ ИТМО

Linked Universities

Home About Members Vocabularies Tools Datasets and Endpoints Publications Search

Datasets and Endpoints

This page list existing linked dataset, provided with SPARQL endpoints. Please feel free to contact us if you know datasets of relevance to *Linked Universities* that you think should be included. More information about linked data applied specifically in UK universities can be found on data.ac.uk

University of Bristol

Homepage	http://www.bristol.ac.uk
SPARQL	http://resrev.ilrt.bris.ac.uk/data-server-workshop/sparql
Data Catalog Homepage	http://resrev.ilrt.bris.ac.uk/research-revealed-hub/
Contact	Damian Steer

The Open University

Homepage	http://www.open.ac.uk
SPARQL	http://data.open.ac.uk/query
Data Catalog Homepage	http://data.open.ac.uk
Contact	Mathieu d'Aquin

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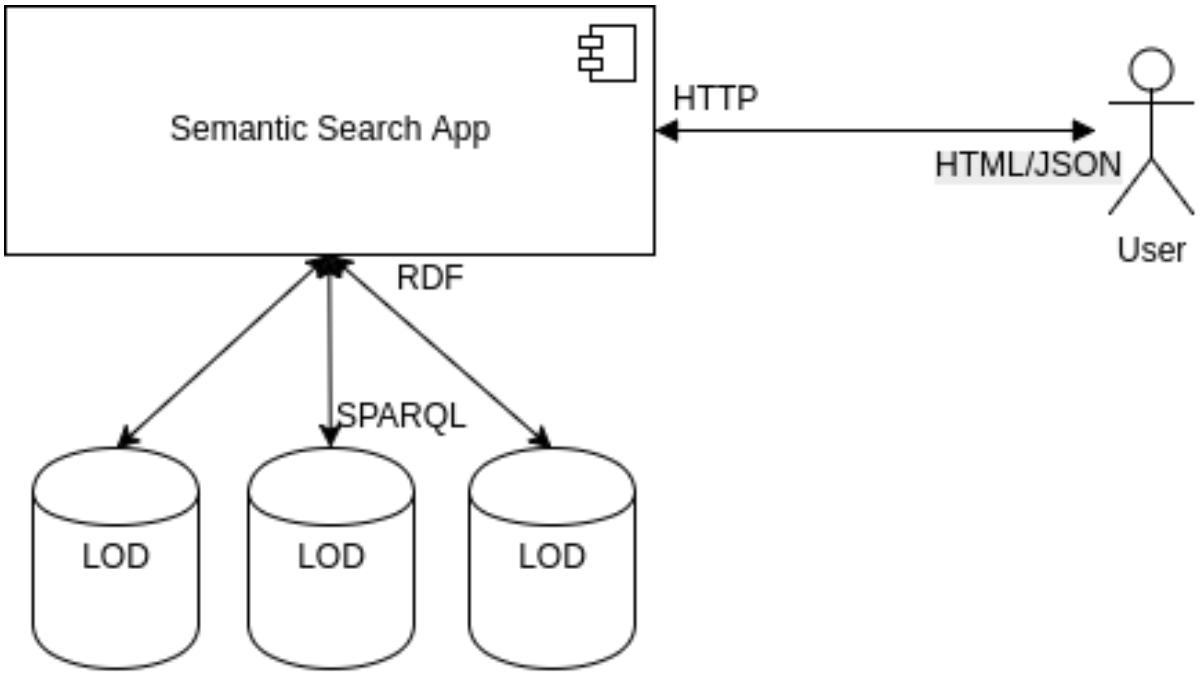
Взаимодействие с системой



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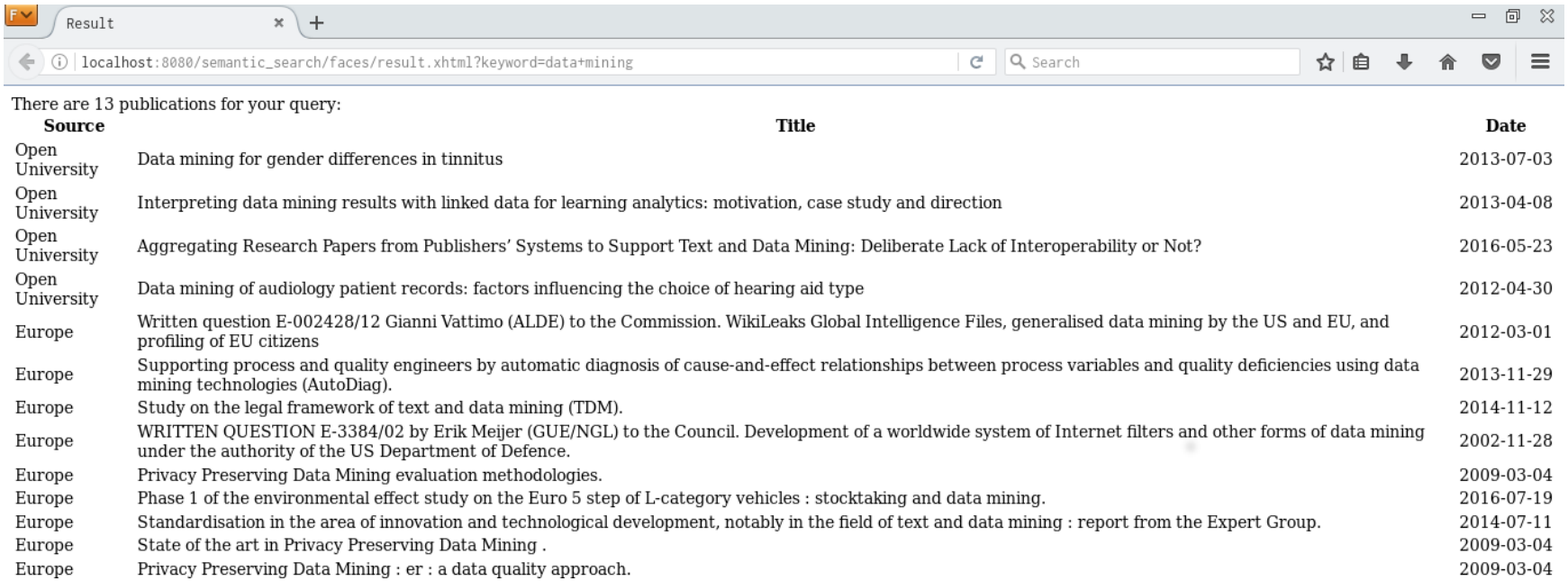
Прототип

https://github.com/LODIFMO/semantic_search



There are 13 publications for your query:

Source	Title	Date
Open University	Data mining for gender differences in tinnitus	2013-07-03
Open University	Interpreting data mining results with linked data for learning analytics: motivation, case study and direction	2013-04-08
Open University	Aggregating Research Papers from Publishers' Systems to Support Text and Data Mining: Deliberate Lack of Interoperability or Not?	2016-05-23
Open University	Data mining of audiology patient records: factors influencing the choice of hearing aid type	2012-04-30
Europe	Written question E-002428/12 Gianni Vattimo (ALDE) to the Commission. WikiLeaks Global Intelligence Files, generalised data mining by the US and EU, and profiling of EU citizens	2012-03-01
Europe	Supporting process and quality engineers by automatic diagnosis of cause-and-effect relationships between process variables and quality deficiencies using data mining technologies (AutoDiag).	2013-11-29
Europe	Study on the legal framework of text and data mining (TDM).	2014-11-12
Europe	WRITTEN QUESTION E-3384/02 by Erik Meijer (GUE/NGL) to the Council. Development of a worldwide system of Internet filters and other forms of data mining under the authority of the US Department of Defence.	2002-11-28
Europe	Privacy Preserving Data Mining evaluation methodologies.	2009-03-04
Europe	Phase 1 of the environmental effect study on the Euro 5 step of L-category vehicles : stocktaking and data mining.	2016-07-19
Europe	Standardisation in the area of innovation and technological development, notably in the field of text and data mining : report from the Expert Group.	2014-07-11
Europe	State of the art in Privacy Preserving Data Mining .	2009-03-04
Europe	Privacy Preserving Data Mining : er : a data quality approach.	2009-03-04

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Пример запроса

```
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX dcterms: <http://purl.org/dc/terms/>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>

SELECT
DISTINCT ?URI ?Title ?Authors ?Date ?Abstract
FROM <http://data.open.ac.uk/context/oro>
WHERE {
      [] a bibo:Article ;
            bibo:uri ?URI ;
            bibo:authorList ?Authors ;
            bibo:abstract ?Abstract ;
            dcterms:title ?Title ;
            dcterms:date ?Date .

}
GROUP BY ?URI ?Title ?Authors ?Date ?Abstract
LIMIT 10
```

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Перспективы развития

- Увеличение количества источников публикаций
- Логгирование в бд, предоставление логов
- Формирование онтологии на основе запросов

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