

Linked Data

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1 LDSpider

Simple tool for crawling linked data.

1.1 Exercises

Use LDSpider to search for the following terms:

1. <http://dbpedia.org/resource/Cambridge>
2. <http://data.ordnancesurvey.co.uk/doc/50kGazetteer/222014>

Try using different operators and see how the data looks like.

You can visualize the crawl results by converting the N-Quads to RDF/XML and then passing them to W3C's RDF validator.

- Convert from N-Quads to RDF/XML e. g. at <http://sindice.com/developers/any23>
- Visualize the results in RDF Validator at <http://www.w3.org/RDF/Validator/>

2 Callimachus

Graph store and tool for development of linked data applications.

2.1 Exercises

Edit the following Person templates:

- Create
- Edit
- View

And add information about:

- Birthday
- Email
- Phone
- Homepage

Create your own person and try using LDSpider to search for it.

3 Reference

LDSpider

- <https://code.google.com/p/ldspider/> – LDSpider homepage
- <http://iswc2010.semanticweb.org/pdf/495.pdf> – LDSpider paper

Callimachus

- <http://callimachusproject.org/> – Callimachus homepage
- <http://krizik.felk.cvut.cz:9091/tutorial/tutorial.docbook?view> – Tutorial