

Linked (Open) Data DONE & TODO

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Best Linked Open Data Application 2015

38.606.408.433 triples and counting!

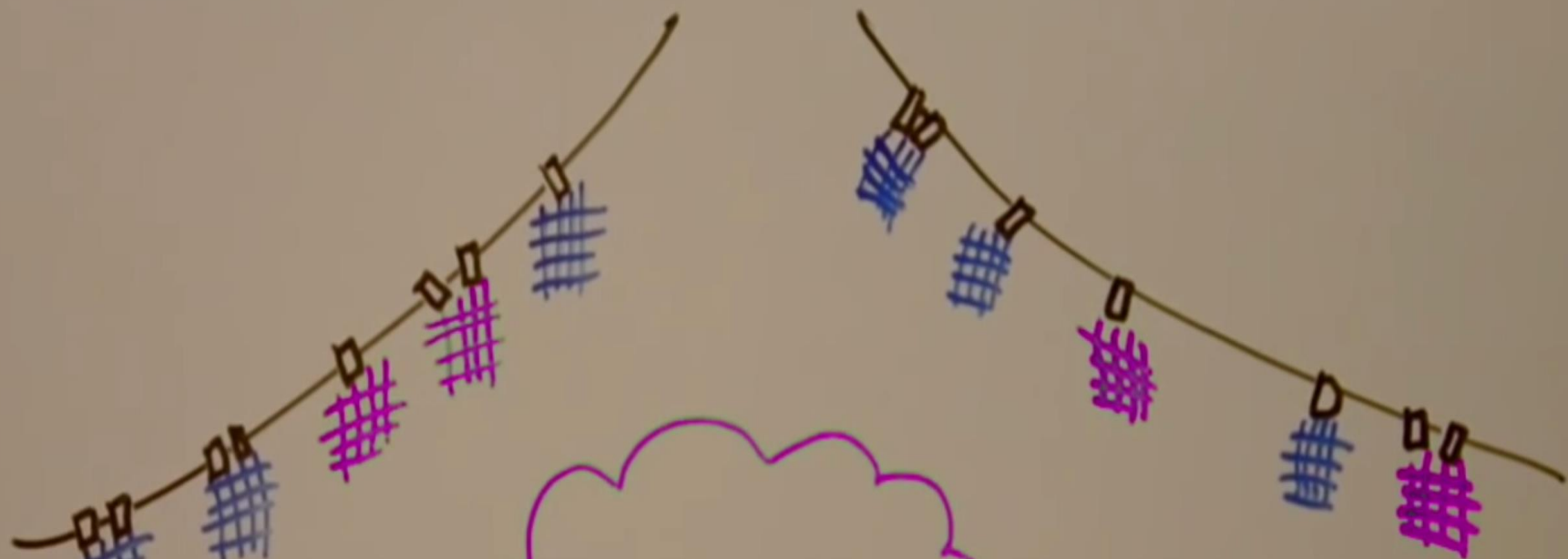


LOD Laundromat

- Wouter Beek
Laurens Rietveld



- 600.000 RDF files, 38 billion triples, 3 billion URLs
- Dropbox upload, remote querying, meta-data
- <http://lodlaundromat.org>



Bond & stift
Laundromat
©2015

<http://lodlaundromat.org>

LOTUS:

Text search on LODLaundromat



- Filip Llievski
- Search 5 billion text strings in Linked Open Data (0.5Tb)
- From words to linked data
- Fuzzy matching (or precise, or substring, or ...)
- <http://lotus.lodlaundromat.org>





Lookup text

Find **LOD Laundromat** statements where this string stands as (part of) the object

String:

String similarity function:

phrase

Langtag:

Show the first

10

records

 Find

```
/phrase?pattern=Harvard%20Environmental%20Law%20Review&size=10
```



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Response on heavier queries might take several seconds... We are looking into speeding LOTUS up.

Results

<http://dbpedia.org/resource/Harvard_Environmental_Law_Review>
<http://www.w3.org/2000/01/rdf-schema#label>
"Harvard Environmental Law Review"@en

Show document

Show metadata

<http://era.rkbexplorer.com/id/ERAID-33888>
<http://era.rkbexplorer.com/id/title>
"Harvard Environmental Law Review"

Show document

Show metadata

<http://lobid.org/resource/ZDB413237-3>
<http://iflastandards.info/ns/isbd/elements/P1004>
"The Harvard environmental law review"

Show document

Linked Data

DONE & TODO

- + widely shared datamodel
- + agreed upon semantics
- + standardised syntax
- + conversion tools for legacy data
- + scalable storage and retrieval
- + lots of linked data online
- + a wide variety of applications
- + some tools for entity linking
- + business models & incentives for linked open data

- better educational material
- better user interfaces
- more linked data online
- tools for streaming data
- better tools for entity linking
- business models & incentives for linked non-open data
- privacy guarantees
- provenance
- data quality and trust