Visualization of the LOD Laundromat

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CLARIAH – Common Lab Research Infrastructure for the Arts and Humanities
http://www.clariah.nl/

RISIS – Research Infrastructure for Research and Innovation Policy Studies
http://risis.eu/

UML-4 – A quantum model of text understanding
http://www.understandinglanguagebymachines.org/a-quantum-model-of-text-understanding/

LOD Laundromat
http://lodlaundromat.org/
LOD Laundromat

Crawling & Obtaining

Cleaning

Analytics

Tools

... 38,606,408,854 triples and counting!
Visualization of LOD

Now: 1000 datasets, >1,000,000 triples, 600,000 datasets total, <50 links

Then: 570 datasets, >1000 triples, <50 links?
Ideas

- New ‘LOD cloud’:
  ◦ Bipartite network
  ◦ Linked ontologies and datasets

- Graph of graphs:
  ◦ Linked datasets
  ◦ Levels of abstraction
Challenges

Specific LOD Laundromat:
- Focus & User-friendliness

General Semantic Web:
- Quality and provenance
- Industry pick-up/business model