Linked(OpenData) vs Open(Linked Data): a voice from the industry

LOD 2014 – Rome 2014/02/20
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LD for Semantic Search

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Luigi Einaudi a qua! Roma, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

http://purl.org/bncf/tid/17802

http://it.dbpedia.org/resource/Luigi_Einaudi

http://sws.geonames.org/3169071/
What does prevent LOD publication?

Linked/Open

2 dimensions

2 contexts

Public/Private
1. use URIs
2. use HTTP URIs
3. use de-referentiable URIs, using the standards (RDF*, SPARQL)
4. include links to other URIs

But:
what does it count as standard?
As open?
As linked?
Linked and/or Open Data
The Public Sector: clear process

- acquire data
- set open license
- open formats
- publish
Public sector: simple process...

LACK OF MONEY

... hard problems

LACK OF WILLINGNESS

USE OF “STANDARDS”

OPAQUE DATASETS

POOR RDF/SPARQL SUPPORT

SODA
Socrata Open Data API

ckan
The Private Sector: diverse uses of LD

**as user:**
named entity recognition, content enrichment, machine linking, discovery search...

**as provider** for the Public Sector:
publishing, data integration

**internal use:**
e.g. assets management

**crafting** of RDF artifacts for a particular application
The artifacts/datasets produced are linked (they often reuse standard models) but not always inter-operable.

Why?
Why companies’ RDF is not published

• It often reflects customers’ needs
• It often reflects internal data models

HENCE ➔ OVERFITTING:

Provocation
It would not be interesting nor usable

WAY OUTS:
having more standard models for particular micro-domains could permit their direct (re)use by the private company
Public Sector: use “true” LOD technologies (RDF dumps or SPARQL endpoints)

Private companies: use standard data models, internally and for their artifacts

OpenData Community: please stress the linked in LOD!

The success of LOD is bound to the use of Linked Data as a technology

The use of LD in the private sector will positively feedback on the diffusion of the necessary expertise and sensibility in the Public Sector too