Open Data in Southampton

Ash Smith, TIDT Web and Data, iSolutions
(ex-WAIS researcher, current WAIS hanger-on)
Who are we?

Ash Smith
Linked and Open Data Management Specialist
ads04r@ecs.soton.ac.uk
@DrAshSmith

Chris Gutteridge
Senior Professional Specialist
cjg@ecs.soton.ac.uk
@cgutteridge
Who are we?
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iSolutions
1 August 2014 - 31 July 2015

iSolutions received 100,500 enquiries:

- 34,000 calls
- 46,000 emails
- 15,000 self-service
- 5,500 helpdesk enquiries

98,797 enquiries resolved
Let’s start with the cool stuff!
Our Publishing Framework

Data Source
(eg spreadsheet)

Our Triplestore

data.soton
Our Publishing Framework

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Our Triplestore

data.soton

Users
data.soton Homebrew

https://github.com/ads04r/Hedgehog
https://github.com/cgutteridge/Grinder
https://github.com/cgutteridge/Graphite
https://github.com/cgutteridge/alicorn
Analytics: How Do We Measure Success?
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We can’t!
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But we can get a few hints.

1. Someone complains if it breaks
2. It gets hacked
3. It wins an award
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1. Someone complains if it breaks
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3. It wins an award
PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#>

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX spacerel: <http://data.ordnancesurvey.co.uk/ontology/spatialrelations/>

SELECT DISTINCT ?p ?o WHERE {

}

PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#>

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX spacerel: <http://data.ordnancesurvey.co.uk/ontology/spatialrelations/>

SELECT DISTINCT ?label ?lat ?long WHERE {
  ?building spacerel:within <http://id.southampton.ac.uk/site/1> .
  OPTIONAL {
  }
}
RDF Tools

Validators

Triple Checker

Rapper (Part of libraptor)

The W3’s online RDF Validation Tool

prefix.cc (less validator, more information finder)

Ontology Builders

Neologism

Protege

Programming

Triplestores

4Store

Sesame

Parliament