

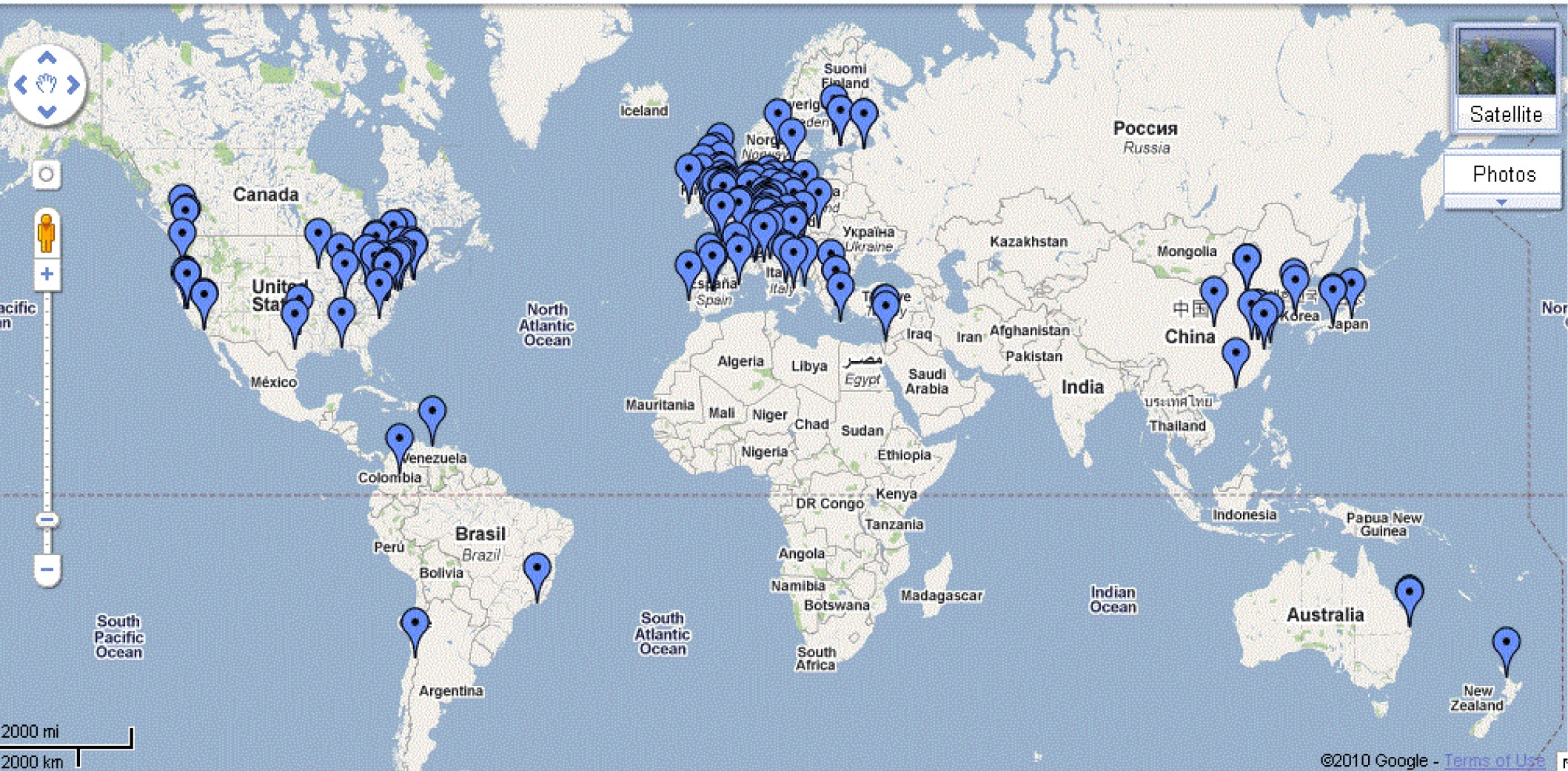
Ninth International Semantic Web Conference

ISWC 2010
SHANGHAI, CHINA
NOVEMBER 7–NOVEMBER 11

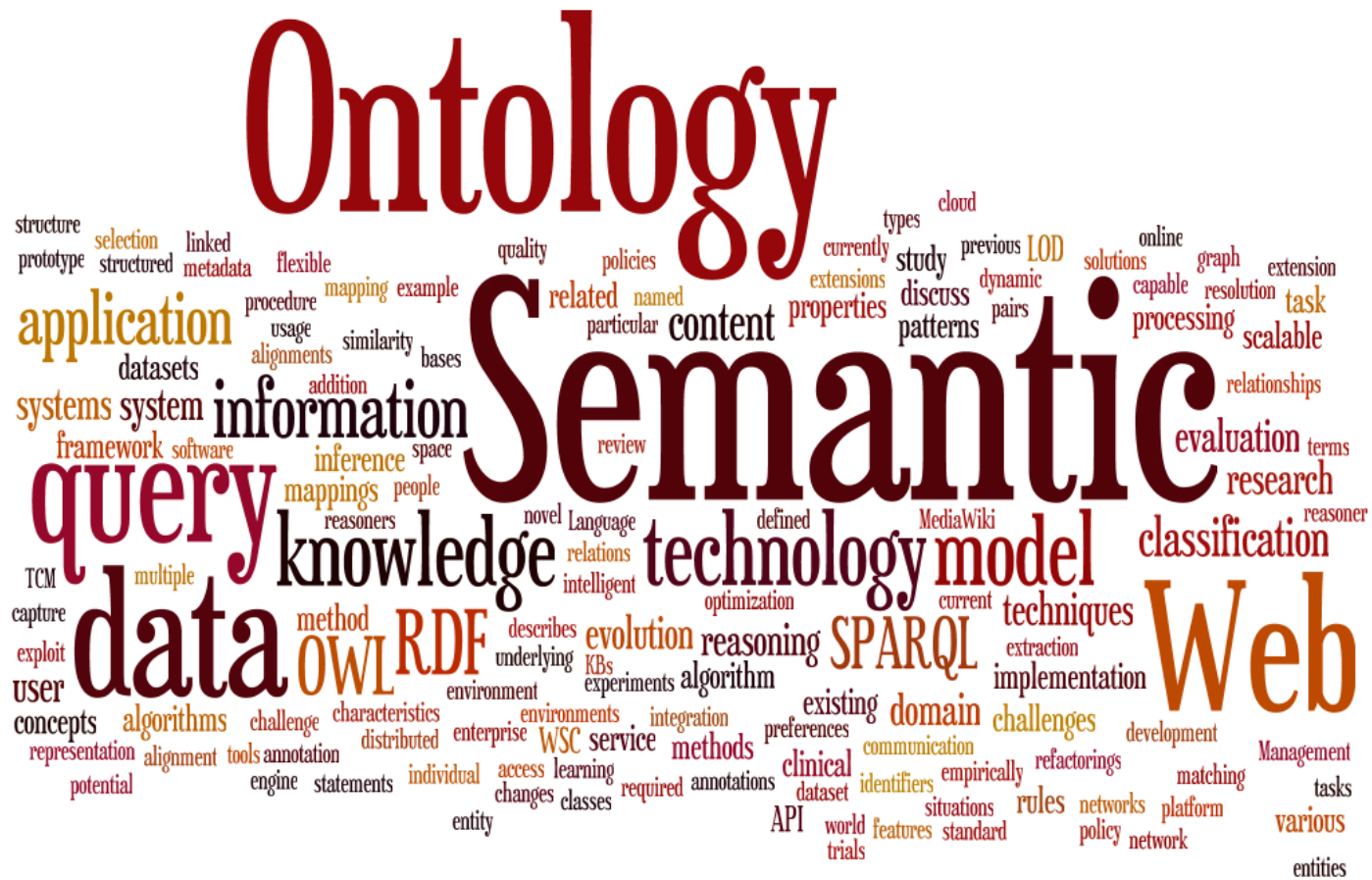


A Heavily-Biased Summary
Sandro Hawke, W3C
16 November 2010, Boston

Who Attended



Topics



“Linked Data”? Yes and No.

Program

- Two Days of Tutorials & Workshops
- Three Days of Main Program
 - Some invited plenaries
 - 3 Tracks
 - Doctoral Consortium
 - Mentoring Lunch
 - Poster and Demo Session

Awards

- Best Research Paper
 - Measuring the dynamic bi-directional influence between content and social networks
- ...
- Best Poster/Demo
 - Linked Data from your Pocket
 - RDF on the Go: RDF Storage and Query for Mobile
- Challenge: Open Track
 - NCBO Resource Index: Ontology-Based Search and Mining of Biomedical Resources
- Challenge: Billion Triples
 - Creating void Descriptions for Web-scale Data

2011: Year of the Citizen Users

- Keynote: mc shraefel
 - Create and share durable, compelling personas
 - Prize for most-reused ones
 - Routinely, once a week, look at your work from the perspective of a user persona

RDF behind the Media

- BBC
 - World Cup Content Aggregation
- Keynote: New York Times (Evan Sandhaus)
 - Developing rNews for RDFa markup of news in IPTC, open community

Government Linked Data (GLD)

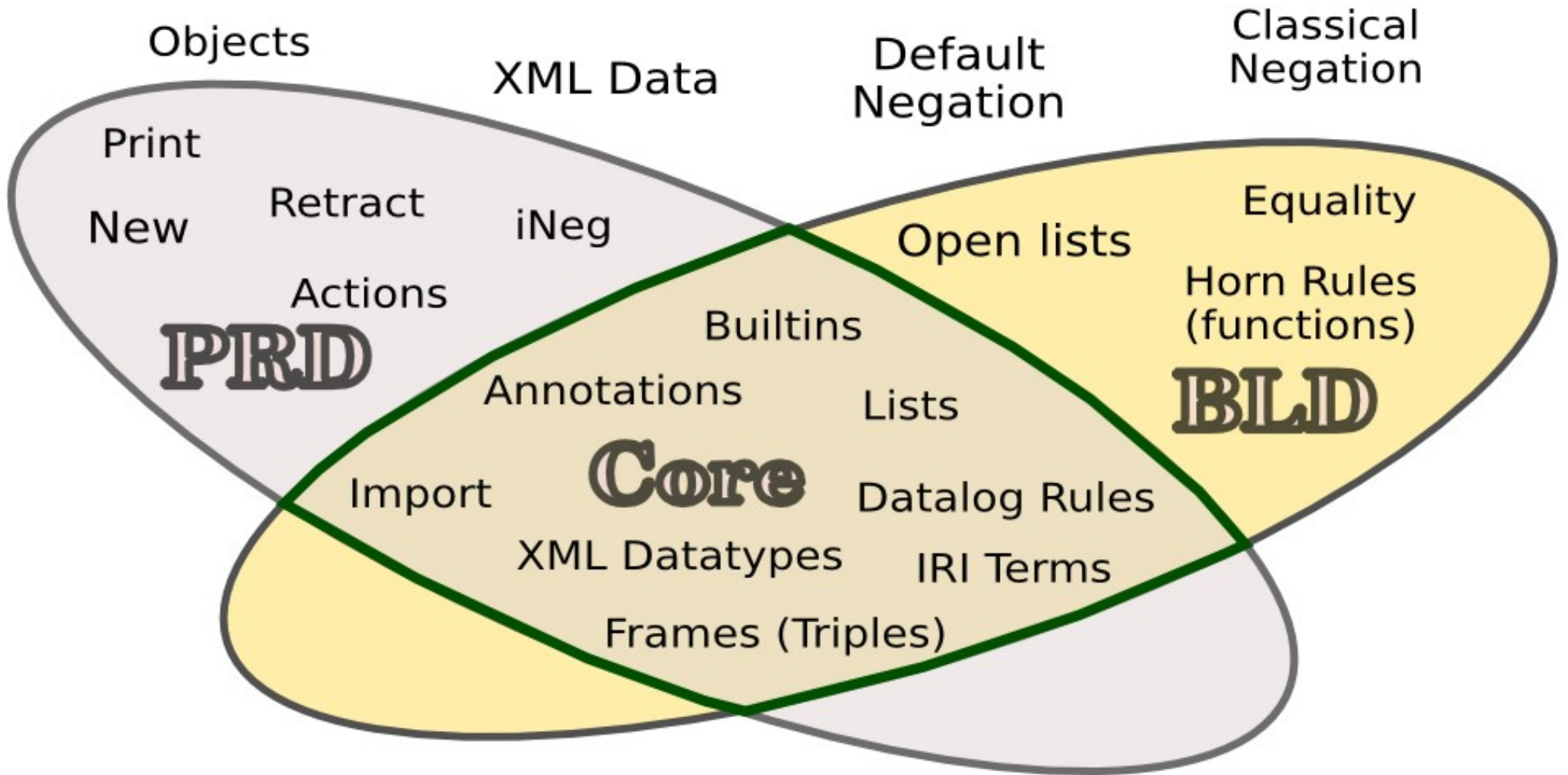
- Tutorial -

- Success in the UK
- Considerable interest in the US, France, Germany, Spain, ...
- W3C Working Group Charter being Drafted
 - Product/Service Definitions (for Procurement)
 - Standard Vocabularies
 - People, places, statistics, organization structure, ...
 - Collection of Challenges, Solutions

RDF 1.1



- New W3C RDF Working Group Expected
 - Syntax, Semantics, Model for handling multiple graphs
 - Standardize Turtle (RDF N3)
 - Standardize a JSON syntax for RDF
 - “Weakly” deprecate not-best-practice features
 - General cleanup
 - Some other “time permitting” features

Rule Interchange Format (RIF) Standard



Connections to OWL, SPARQL, Rule Languages

Facebook's Open Graph Protocol

- Facebook is about Relationships (links, arcs)
- Not just People, but ... anything you might “like”
 - (Like the Web isn't just about Web Pages)
- OGP is like the Holy Roman Empire?
 - Really: a vocabulary for RDFa markup
- Users see:   494 people like this.
- Motivation = more traffic, ...?
- Early in the interop process, but hopeful

Simplified RDF (my quick proposal)

Direct + Indirect: Twin Properties

Tim
Himself



ns1:age
(direct property)

The number
fifty-five

55

A page
about
Tim



ns2:age
(indirect property)

"55"

The two-
character
string five
five

Simplified
RDF

facebook

Let's Make Them Interoperable!

For more: bit.ly/twinprop

More Information

- <http://iswc2010.semanticweb.org>
 - Papers
 - Slides
 - Lightning Talks
- Twitter: #iswc2010 (but... thanks, China)

Next Year:



ISWC 2011

The 10th International Semantic Web Conference

October 22-27, 2011

Koblenz, Germany

