Neologism:
Easy Vocabulary Publishing

Cosmin Basca, Stéphane Corlosquet, Richard Cyganiak, Sergio Fernández, Thomas Schandl
Two visions of the SW

Logics

Web
Semantic Web

- Putting RDF documents on the Web
- RDF links, dereferenceable URIs, crawling
- Linked Data, FOAF-sphere, Tabulator
- Community-agreed “fractal” vocabularies
Vocabularies

• Our terminology: vocabularies vs. ontologies
• classes and properties (5-50)
• reference documentation
• formal RDFS/OWL document
• labels, comments, relationship between terms
Vocabularies are important

- Make interoperability work
- RDF publishers & consumers refer to them
- Terms can be looked up
- Better UI
- Inferencing
- We want: automated exchange of schemas
Vocabulary publishing is hard

- Forging community agreement
- Writing good documentation
- Creating RDFS/OWL specification
- Server setup for URIs and content negotiation
- Managing updates
Vocabulary publishing today

- Text editor
- Desktop editors: Protégé
- Web-based editors: OntoWiki
- Towards hosted services: Knoodl
What we want

• Instant Web-based publishing
• Subset of RDFS+OWL
• No instance editing or browsing
• Handling HTTP details
• Best practices, towards a quasi-standard
• (This is not new science)
No budget
Neologism

• Open-source project
• Runs on any cheap web host
• Create a user and developer community
Demo time
Subset of RDFS+OWL

- label, comment
- subClassOf, subPropertyOf
- domain, range
- InverseFunctionProperty
- disjointClass
Future

• Release v0.1!
• Revisions and branching
• Plugin system
• Consistency checking
• Hosted service
RDF apps should look up terms