

# Neologism: Easy Vocabulary Publishing

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# 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**

<http://neologism.googlecode.com/>