



Semantic Metadata Resources

This is a quick compilation of articles, tools (public and commercial) and user guides related to semantic metadata in response to the request at the Createasphere session on Semantic Metadata.

D. Allemang and J. Hendler. *Semantic Web for the Working Ontologist: Effective Modeling in RDFS and OWL*. 2d edition. Burlington, MA: Morgan Kaufmann, 2008.

<http://workingontologist.org/>. Last checked 3/2/2012

Concept Searching. <http://www.conceptsearching.com/>. Last checked 3/2/2012. Software products for conceptual metadata generation, auto-classification, and taxonomy management.

CrunchBase. <http://www.crunchbase.com/>. Last checked 3/2/2012. A free database of technology companies, people, and investors that anyone can edit.

DBpedia. <http://dbpedia.org/>. Last checked 3/2/2012. A community effort to extract structured information from Wikipedia and make this information available on the Web.

B. Ducharme. *Learning SPARQL: Querying and Updating with SPARQL 1.1*. Sebastopol, CA: O'Reilly, 2011. <http://www.learningsparql.com/>. Last checked 3/2/2012.

Freebase. http://wiki.freebase.com/wiki/Main_Page. Last checked 3/2/2012. An open graph of people, places and things with more than 22 million entities.

Open Calais. <http://www.opencalais.com/>. Last checked 3/2/2012. Toolkit of capabilities (term extraction, product metadata extraction, company metadata extraction, etc.) to incorporate semantic functionality such as faceted search within blogs, content management systems, websites or applications.

Semantic Tech & Business Conference. <http://semtechbizsf2012.semanticweb.com/>. Last checked 3/2/2012. SemTechBiz brings together industry leaders and practitioners to explore the challenges and opportunities in how semantic solutions and linked data are impacting corporate business leaders and technologists.

semanticweb.com. <http://www.semanticweb.com/> Last checked 3/2/2012. Trade website with articles, news and events related to the semantic technology and linked data business.

Semantic Web Development Tools. <http://www.w3.org/2001/sw/wiki/Tools>. Last checked 3/2/2012. Wiki containing collection of tool references that can help in developing Semantic Web applications including development environments, editors, programming languages libraries and modules, specialized browsers, etc.

Semantic Web Tools. <http://semanticweb.org/wiki/Tools>. Last checked 3/2/12. An overview of software tools related to the Semantic Web and semantic technologies in general.

A. Sheth. "Semantic Meta Data for Enterprise Information Integration." *Information Management* (July 1, 2003). <http://www.information-management.com/issues/20030701/6962-1.html>. Last checked 3/2/2012.

"SKOS Primer". *W3C Working Group Note*. (18 August 2009). <http://www.w3.org/TR/skos-primer/>. Last checked 3/2/2012. Simple Knowledge Organization System (SKOS) user guide. SKOS provides a model for expressing the basic structure and content of concept schemes such as thesauri, classification schemes, subject heading lists, taxonomies, folksonomies, and other similar types of controlled vocabulary.

SmartLogic. <http://www.smartlogic.com/>. Last checked 3/2/2012. Software products for taxonomy and ontology management, automatic classification and contextual navigation.

R. Studer, "Generating and Querying Semantic metadata and Ontologies." *Google Tech Talks*. (June 21, 2007). <http://www.youtube.com/watch?v=1YhE9WVZ55c>. Last checked 3/2/2012.

Yahoo! Content Analysis. <http://developer.yahoo.com/search/content/V2/contentAnalysis.html>. Last checked 3/2/2012. Web service that detects entities/concepts, categories, and relationships within unstructured content. Supersedes Yahoo! Term Extraction Web Service.