

# Linked Data vs Schema.org: A Town Hall Debate about the Future of Information

## Schema.org Resources

### **Schema.org**

<http://schema.org/docs/full.html>

*The entire hierarchy in one file.*

### **Schema.org FAQ**

<http://schema.org/docs/faq.html>

### **Getting Started with Schema.org**

<http://schema.org/docs/gs.html>

*Includes information about how to mark up your content using microdata, using the schema.org vocabulary, and advanced topics.*

### **Micro Data & Schema.org: Guide To Generating Rich Snippets**

<http://seogadget.com/micro-data-schema-org-guide-to-generating-rich-snippets>

*A very comprehensive guide that includes an introduction, a section on integrating microdata (use cases) schema.org, and a section on tools and useful resources.*

### **HTML5 Microdata and Schema.org**

<http://journal.code4lib.org/articles/6400>

*From the code4lib Journal. Includes a practical tutorial of how to use microdata and Schema.org.*

### **NISO Webinar: Schema.org and Linked Data: Complementary Approaches to Publishing Data**

[http://www.niso.org/news/events/2012/dcmi/linked\\_data](http://www.niso.org/news/events/2012/dcmi/linked_data)

*Slides only available on the website. Can view the recording through the Minitex My Library portal.*

### **OCLC Adds Linked Data to WorldCat**

<http://dataliberate.com/2012/06/oclc-worldcat-linked-data-release-significant-in-many-ways>

*Blog post by Richard Wallis on the significance of WorldCat.org marking up bibliographic data with Schema.org.*

### **NISO Webinar: Embedding Linked Data Invisibly into Web Pages - Strategies and Workflows for Publishing with RDFa**

[http://www.niso.org/news/events/2012/dcmi/publishing\\_with\\_RDFa](http://www.niso.org/news/events/2012/dcmi/publishing_with_RDFa)

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## Schema.org Microdata Creation and Analysis Tools

### **Google Structured Data Testing Tool**

<http://www.google.com/webmasters/tools/richsnippets>

### **Microdata Parser**

<http://tools.seomoves.org/microdata>

*This tool parses HTML5 microdata on a web page and displays the results in a graphical view. You can see the full details of each microdata type by clicking on it.*

### **Drupal module**

<http://drupal.org/project/schemaorg>

*A drop-in solution to enable the collections of schemas available at schema.org on your Drupal 7 site.*

### **Wordpress plugins**

<http://wordpress.org/extend/plugins/tags/schemaorg>

*A list of Wordpress plugins that allow you to easily insert schema.org microdata on your site.*

### **Microdata generator**

<http://www.microdatagenerator.com>

*A simple generator that allows you to input basic information and have that info converted into the standard schema.org markup structure.*

### **Web Data Commons**

<http://webdatacommons.org>

*What are the most common structured data formats? This site extracts structured data from a common web crawl and presents nicely formatted charts.*

### **Sindice, the Semantic Web Index**

<http://sindice.com/stats/basic-stats>

*Used in presentation to show number of references on the web to various schema.org types.*

## Websites Using Schema.org

### **NCSU Libraries Digital Collections**

<http://d.lib.ncsu.edu/collections/catalog/0000025>

### **Rolling Stone**

<http://www.rollingstone.com/music/albumreviews/songs-for-slim-20130315>

*The album review section of their website uses Schema.org microdata. The link above takes you to the review page about the Replacements 2013 release.*

### **WikiPaintings**

<http://www.wikipaintings.org/en/salvador-dali/meditative-rose>

### **IMDB**

<http://www.imdb.com>

### **Recipe Website: All Recipes**

<http://allrecipes.com>

### **Minitex Jerry Baldwin Oral History Webpage**

<https://www.minitex.umn.edu/40th/Baldwin.aspx>

*Page marked up in Minitex pilot and shown during the presentation.*

### **Worldcat.org**

<http://www.worldcat.org>

### General Linked Data Resources

### **LODLAM**

<http://lodlam.net>

*Linked Open Data in Libraries Archives and Museums*

### **ALA Linked Data Interest Group**

<http://www.ala.org/lita/about/igs/linked/lit-iglld>

### Linked Data Repositories

### **VIAF**

<http://viaf.org>

*Virtual International Authority File. VIAF is hosted by OCLC, and a joint project of several national libraries.*

### **LC Linked Data Service**

<http://id.loc.gov>

*Names, places and subjects published as URIs with links to other national libraries.*

### **DBpedia**

<http://dbpedia.org>

*DBpedia is extracted information from Wikipedia, republished on the web as linked data. One of the central interlinking-hubs of the emerging Web of Data.*

### **Freebase**

<http://www.freebase.com>

*Similar to DBpedia, another large cross-disciplinary repository of structured data.*

### **Bio2RDF**

<http://bio2rdf.org>

*Linked data repository for biological information including genes, proteins and drugs.*

### **MusicBrainz**

<http://musicbrainz.org>

*Application built to query MusicBrainz and find a path between any two music artists. To make the connections between the artists, the developer relied on the relation data from MusicBrainz.*

### Sample Websites Using Linked Data

### **BBC Nature: Wildlife**

<http://www.bbc.co.uk/nature/wildlife>

### **BBC Music**

<http://www.bbc.co.uk/music>

### **Europeana**

<http://www.europeana.eu/portal>

*An aggregate of cultural heritage object from throughout Europe, containing 15 million items from 1500 libraries, museums, and archives.*

### **6 Degrees of Black Sabbath**

<http://labs.echonest.com/SixDegrees>

*Application built to query MusicBrainz and find a path between any two music artists. To make the connections between the artists, the developer relied on the relation data from MusicBrainz.*

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