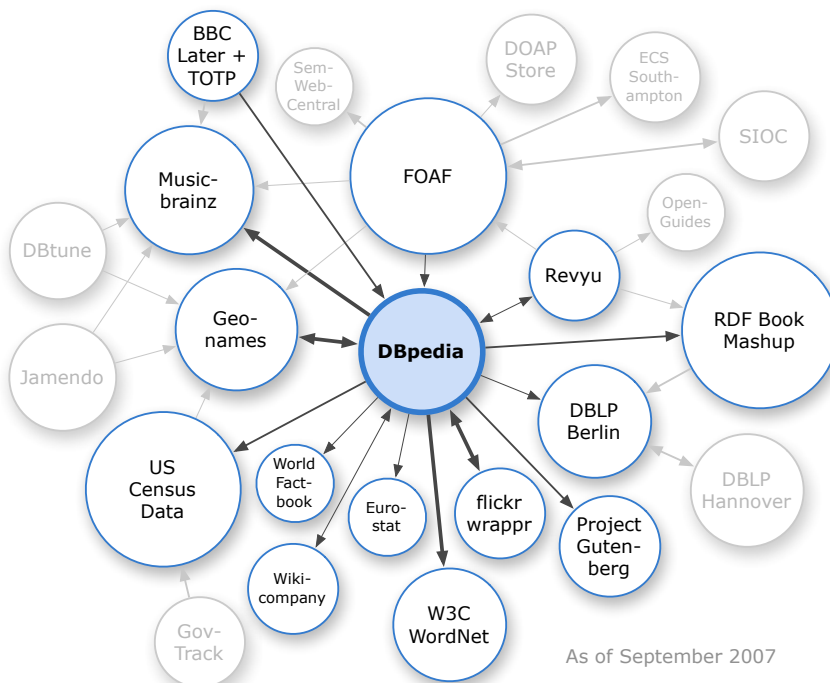


DBpedia

A Nucleus for a Web of Open Data

DBpedia is a community effort to extract **structured information from Wikipedia** and to make this information available on the Web. Each of the **1,950,000 "things"** described in Wikipedia has a corresponding URI in DBpedia. Each URI returns a rich RDF description, including typed links to related things.

DBpedia is one of the datasets in the **Linking Open Data** project. A growing number of DBpedia resource descriptions contain **external links to other domain-specific datasets** on the Web.



Leipzig in Wikipedia and DBpedia



<http://en.wikipedia.org/wiki/Leipzig>



<http://dbpedia.org/resource/Leipzig>



The Linked Data Principles

1. Use **URIs as names** for things
2. Use **HTTP URIs** so that people can look up those names
3. When someone looks up a URI, **provide useful RDF** information
4. Include RDF statements that **link to other URIs** so that they can discover related things

(Tim Berners-Lee, 2006)

Example RDF Links

```
<http://sws.geonames.org/2879139>  
owl:sameAs  
<http://dbpedia.org/resource/Leipzig>.  
  
<http://zitgist.com/music/artist/b10bbbf-cf9e...>  
owl:sameAs  
<http://dbpedia.org/resource/The_Beatles>.  
  
<http://www.nytimes.com/2007/09/24/world/asia/  
24myanmar.html>  
dc:subject  
<http://dbpedia.org/resource/2007_Burmese_  
anti-government_protests>.  
  
<http://richard.cyganiak.de/foaf.rdf#me>  
foaf:topic_interest  
<http://dbpedia.org/resource/Linked_Data>.
```

Further information: <http://dbpedia.org/>