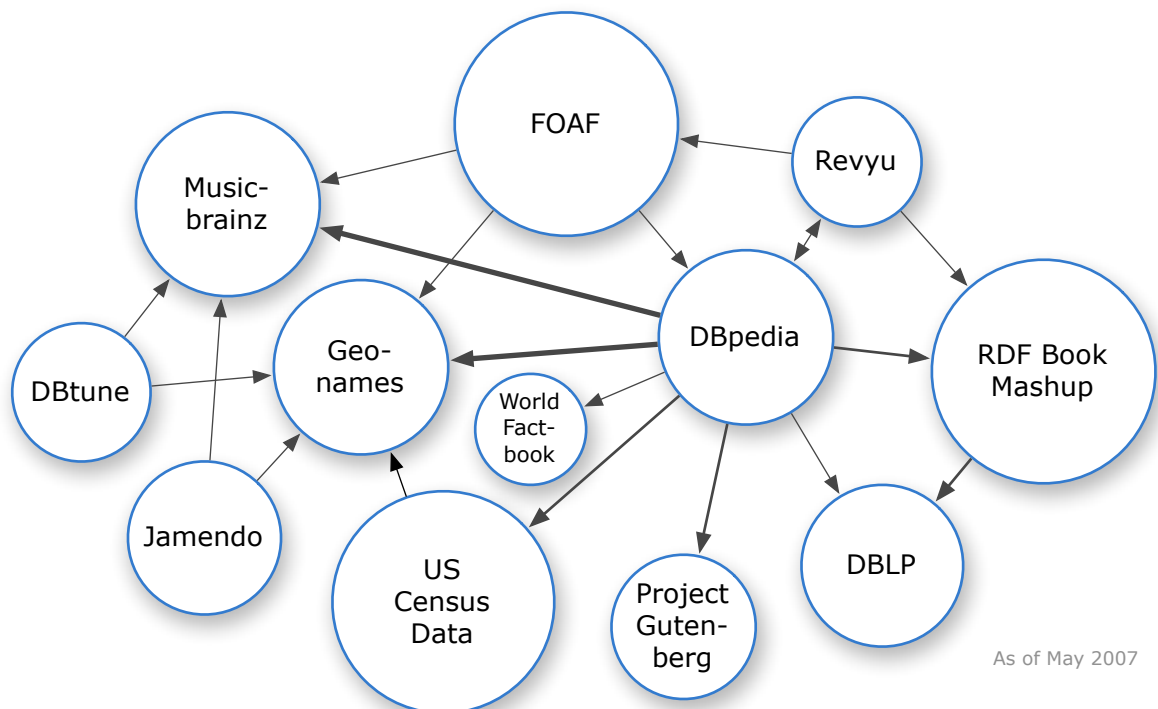# LINKING**OPEN**DATA

W3C SWEO Community Project

A fundamental prerequisite of the Semantic Web is the existence of large amounts of meaningfully interlinked RDF data on the Web.

The **W3C SWEO Linking Open Data** project is a community effort to make various open datasets available on the Web as RDF and to set RDF links between data items from different datasets. Collectively, the published datasets currently consist of over **one billion RDF triples**, which are interlinked by **120,000 RDF links**.

The datasets are published according to the Linked Data principles and can therefore be crawled by Semantic Web search engines and navigated using Semantic Web browsers like Tabulator, Disco or the OpenLink RDF Browser.

As of May 2007

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

DBLP Computer science bibliography
Richard Cyganiak, Chris Bizer (FU Berlin)

DBpedia Structured information from Wikipedia
Universität Leipzig, FU Berlin, OpenLink

DBtune, Jamendo Creative Commons music repositories
Yves Raimond (University of London)

Geonames World-wide geographical database
Bernard Vatant (Mondeca), Marc Wick (Geonames)

Musicbrainz Music and artist database
Frederick Giasson, Kingsley Idehen (Zitgist)

Project Gutenberg Literary works in the public domain
Piet Hensel, Hans Butschalowsky (FU Berlin)

Revyu Community reviews about anything
Tom Heath, Enrico Motta (Open University)

RDF Book Mashup Books from the Amazon API
Tobias Gauß, Chris Bizer (FU Berlin)

US Census Data Statistical information about the U.S.
Josh Tauberer (University of Pennsylvania), OpenLink

World Factbook Country statistics, compiled by CIA
Piet Hensel, Hans Butschalowsky (FU Berlin)