

**20th Anniversary of the Proposal for the Web Celebration
CERN, Geneva, March 13, 2009**



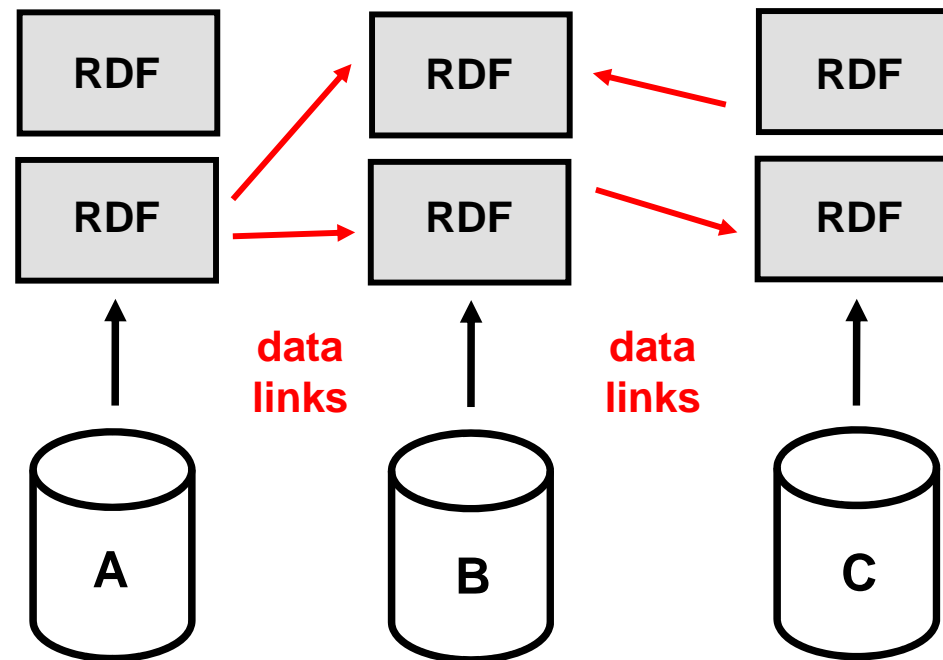
An Incubator for the Web of Data

**Christian Bizer
Freie Universität Berlin**

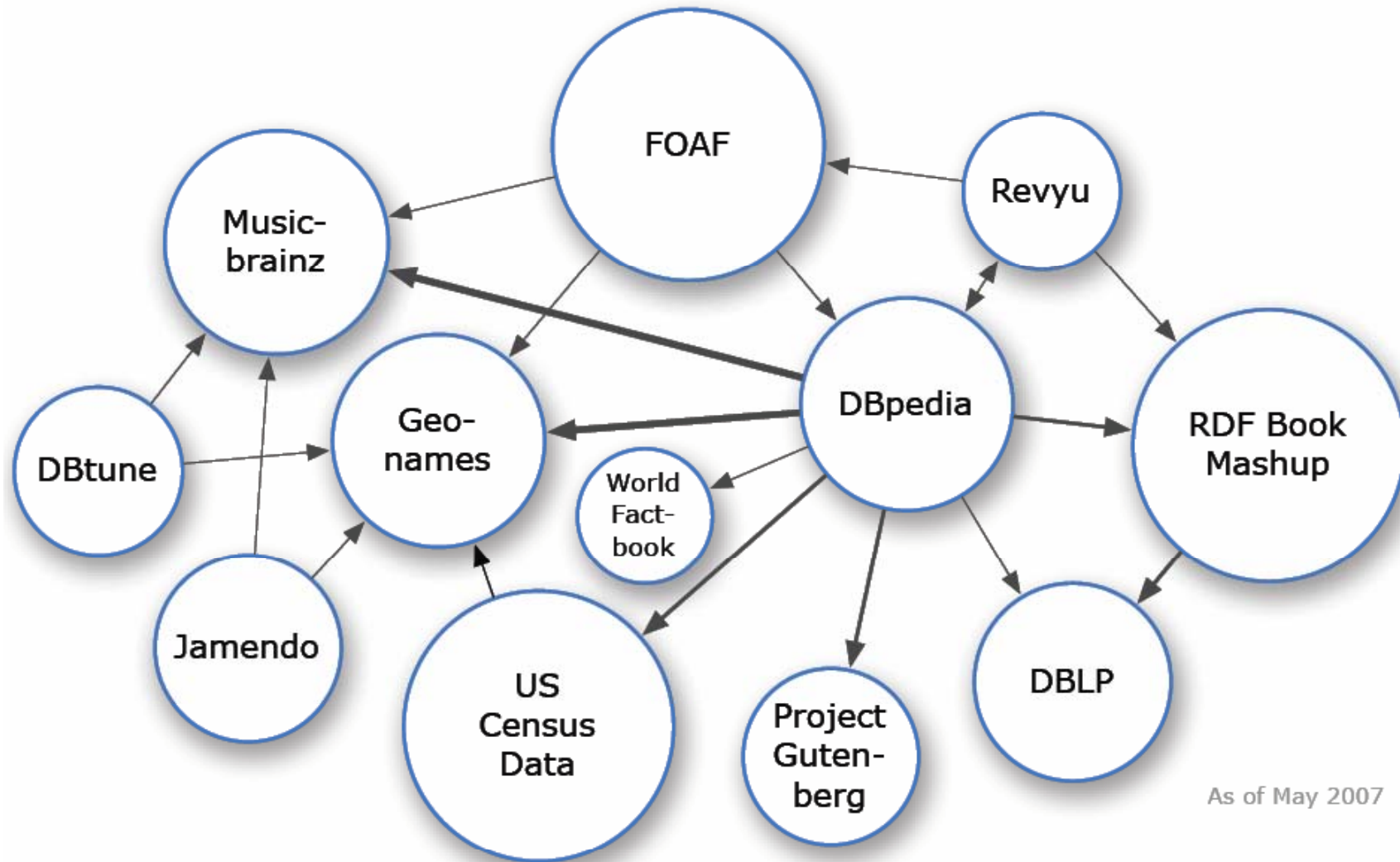
The Linking Open Data Community Project



Grassroots effort to extend the Web with a data commons by publishing open license datasets as Linked Data.



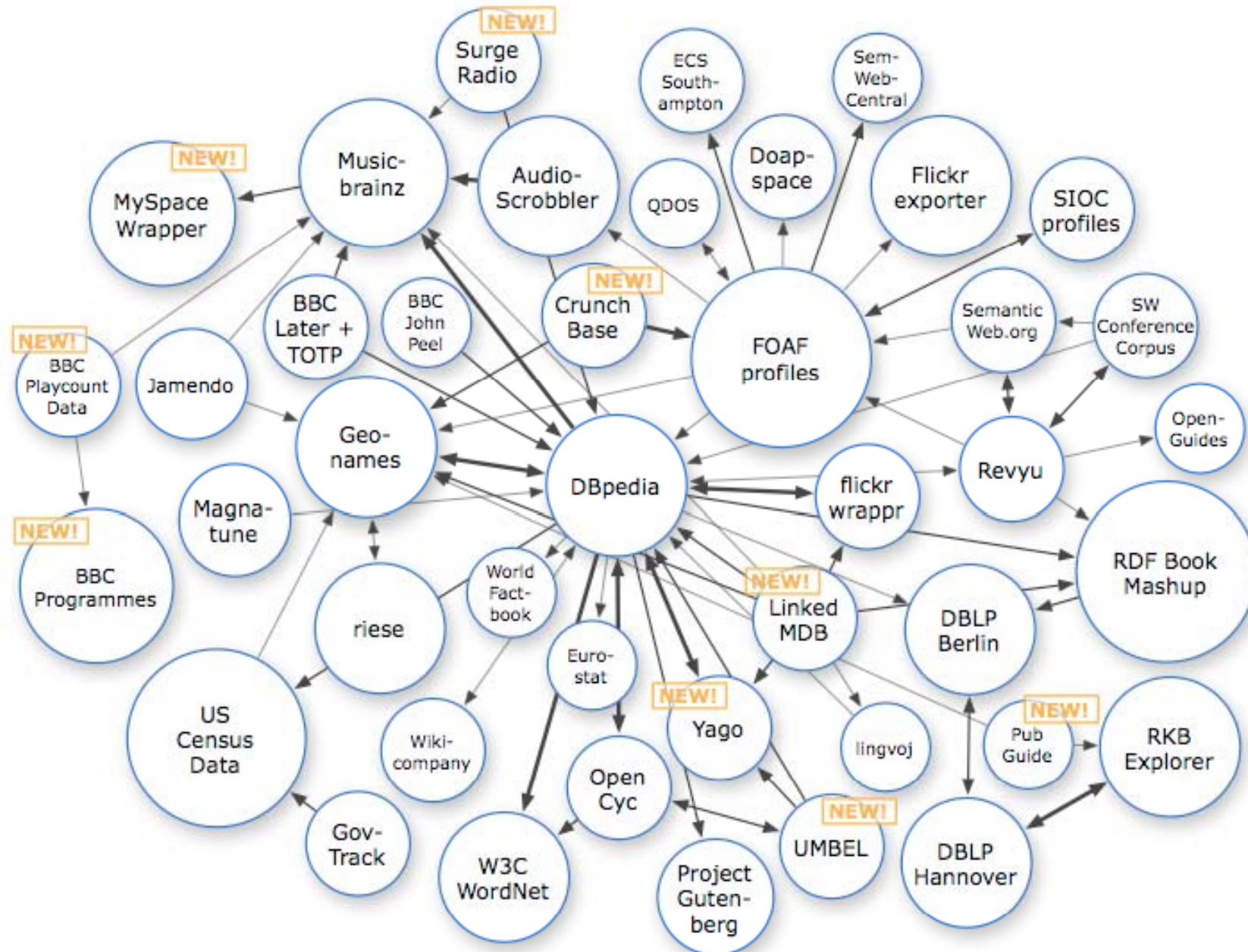
LOD Datasets on the Web: May 2007



500 million RDF triples

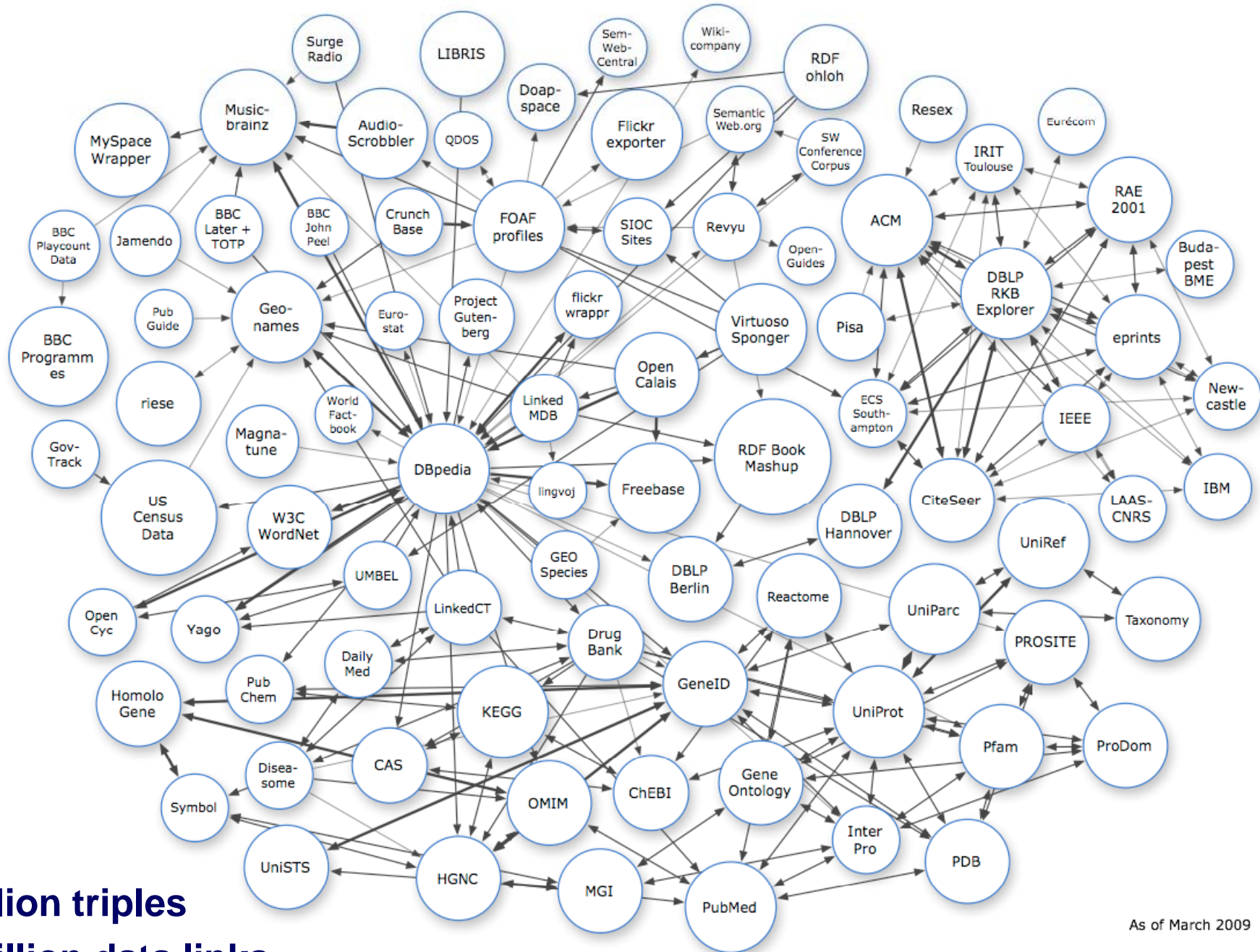
120,000 data links between data sources

LOD Datasets on the Web: September 2008



As of September 2008

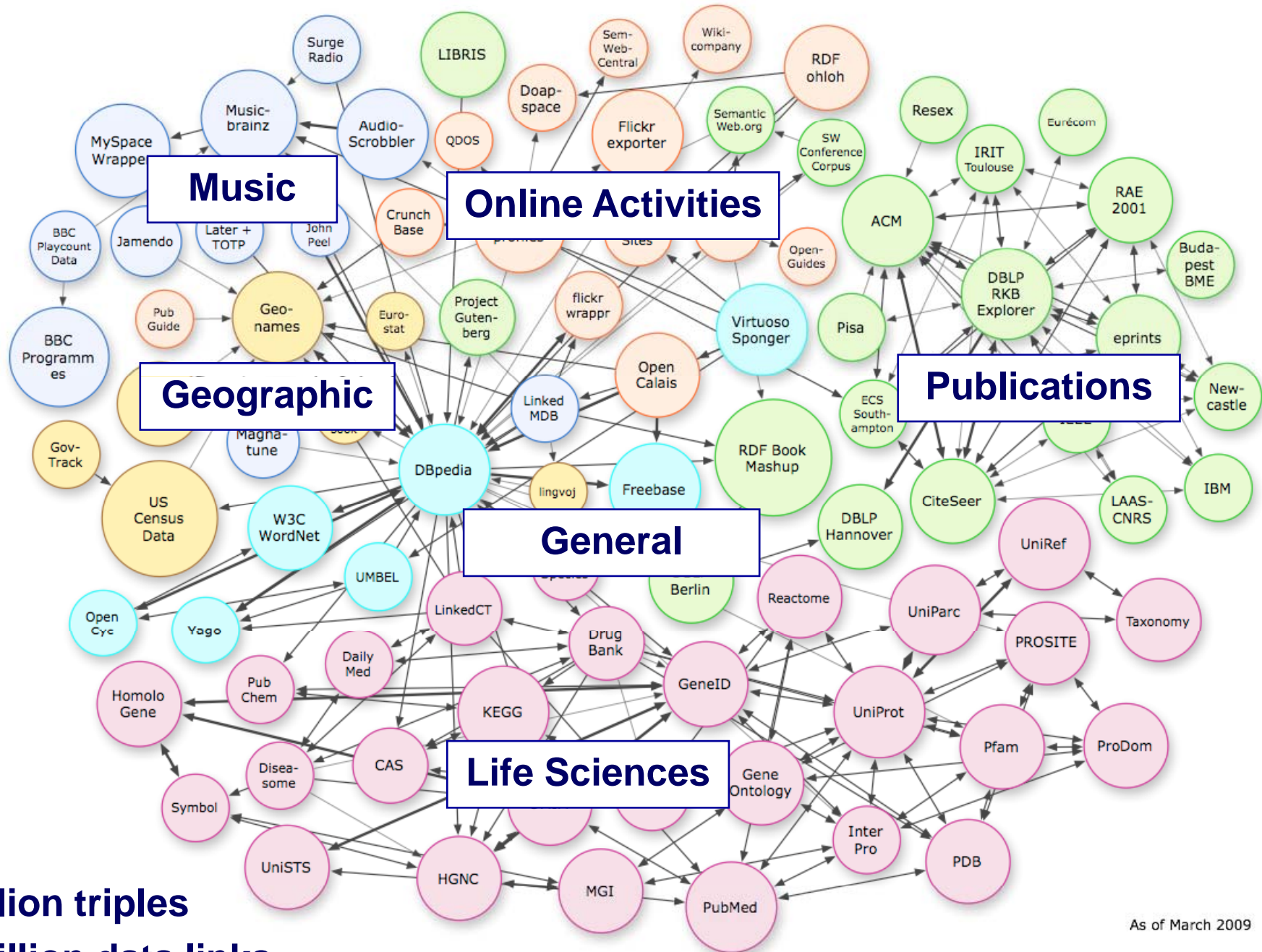
LOD Datasets on the Web: March 2009



4.5 billion triples
180 million data links

As of March 2009






LOD Datasets on the Web: March 2009



4.5 billion triples
180 million data links

This is release 0.8 of the Tabulator Project. The [live development trunk](#) is also available.

▼ Tim Berners-Lee

- request
 - ▶ Request for <<http://www4.wiwiss.fu-berlin.de/bookmashup/persons/Tim+Berners-Lee>>
 - ▶ Request for <<http://www4.wiwiss.fu-berlin.de/dblp/resource/person/100007>>
- requested by
 - ▶ ● Tim Berners-Lee's FOAF file 
- type
 - ▶ ● Male
 - ▶ ● Person 
- label
 - Tim Berners-Lee
- seeAlso
 - ▶ ● RDF document describing: Tim Berners-Lee 
 - ▶ ● RDF Description of Tim Berners-Lee 
- assistant
 - ▶ ● Amy van der Hiel
- homePage
 - ▶ ● <http://www.w3.org/People/Berners-Lee/> 
- work
 - ▶ ...
- organization
 - ▼ **World Wide Web Consortium**

- title
 - W3C (large: includes all specs and groups)
- type
 - ▶ ● SocialEntity
 - ▶ ● Organization 
- label
 - W3C
- seeAlso
 - ▶ ● W3C Groups and Organizational Structure 
 - ▶ ● W3C Standards and Technical Reports 
- publicHomePage
 - ▶ ● <http://www.w3.org/> 
- homepage
 - ▶ ● <http://www.w3.org/> 
- logo
 - ▶ 
- name
 - World Wide Web Consortium
- is organization of
 - ▶ ● Tim Berners-Lee

- publicHomePage
 - ▶ ● <http://www.w3.org/People/Berners-Lee/> 

- ▶ ● Tim Berners-Lee

Tim Berners-Lee

<http://www.w3.org/1999/02/22-rdf-syntax-ns#type>

- [Person](#)
- <http://www.w3.org/2000/10/swap/pim/contact#Male>

[label](#)

- [Tim Berners-Lee](#)

[sameAs](#)

- [Tim Berners-Lee \(also at www4.wiwiw.fu-berlin.de\)](#)

[image](#)



[Weblinks](#)

- <http://www.w3.org/People/Berners-Lee/>

[name](#)

- [Tim Berners-Lee](#)
- [Timothy Berners-Lee](#)
- [Tim Berners Lee](#)

[Given name](#)

- [Timothy](#)

[family name](#)

- [Berners-Lee](#)

[sha1sum of a personal mailbox URI name](#)

- [985c47c5a70db7407210cef6e4e6f5374a525c5c](#)

[workplace homepage](#)

- <http://www.w3.org/>

[nickname](#)

- [TimBL](#)

[nickname](#)

- [TimBL](#)
- [timbl](#)

[personal mailbox](#)

- <mailto:timbl@w3.org>

[seeAlso](#)

- [Tim Berners-Lee's FOAF file](#)
- [Tim Berners-Lee's FOAF file](#)

is [seeAlso](#) of

- [Tim Berners-Lee](#)

Specify a type:

Agent	Article	Center	Document	Experiment
Facility	Generic Agent	International Organization	Lake	Landmark
Legal Agent	Multi Individual Agent Intelligent	Organization	Person	Village

Objects **1 - 10** of **571** for your search **CERN** (0.08 seconds)

! CERN

- label: **CERN** - [From 216.69.157.212 »](#)

<http://en.wikipedia.org/wiki/CERN> - [Described in 4 documents](#)

CERN is a *Facility, Center, landmark*

- longitude: 6.05277777778

- [From dbpedia.org »](#)

- latitude: 46.2341666667

- [From dbpedia.org »](#)

- abstract: ...estigação Nuclear, mais conhecida pelo acrônimo **CERN**, do francês "Conseil Européen pour la Recherche..."

- [From dbpedia.org »](#)

<http://dbpedia.org/resource/CERN> - [Described in 10 documents](#)

CERN_Program_Library

- developer: **CERN**

- [From dbpedia.org »](#)

- genre: *List_of_numerical_analysis_software*

- [From dbpedia.org »](#)

- name: **CERN Program Library**

- [From dbpedia.org »](#)

http://dbpedia.org/resource/CERN_Program_Library - [Described in 6 documents](#)

CERN is a *InternationalOrganization*

☆ name: **CERN** - [From www.daml.org »](#)

<http://www.daml.org/2001/12/factbook/internationalOrganizations#CERN> - [Described in 3 documents](#)

CERN experience. is a *Paper in conference proceedings*

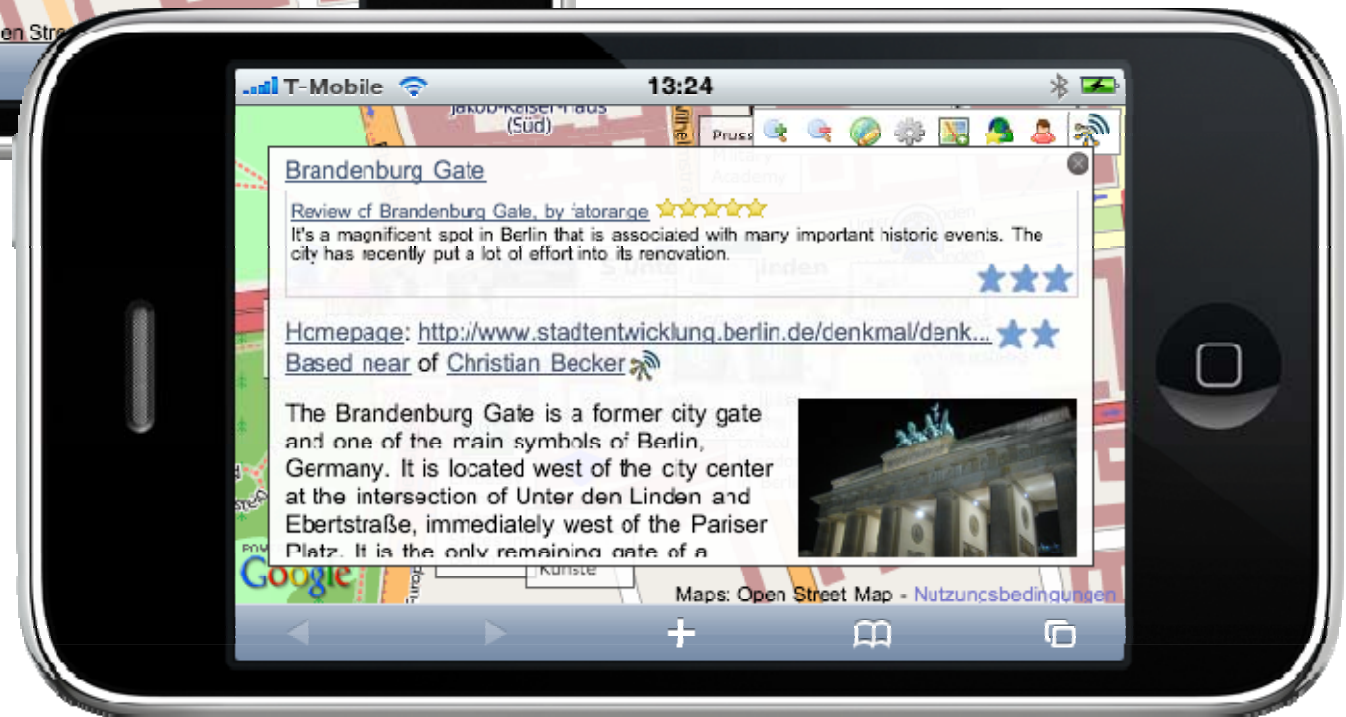
☆ crossref: 1988 - [From www4.wiwiss.fu-berlin.de »](#)

☆ Date: 1988 - [From www4.wiwiss.fu-berlin.de »](#)

☆ Title: **CERN experience.** - [From www4.wiwiss.fu-berlin.de »](#)

<http://www4.wiwiss.fu-berlin.de/dblp/resource/record/conf/sigopsE/Berners-Lee88> - [Described in 4 documents](#)

DBpedia Mobile



Web APIs slice the Web into separate data silos



Linked Data has the potential to correct this!

