

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDILab.SciCrunch.org) on May 3, 2025

DBpedia

RRID:SCR_003661

Type: Tool

Proper Citation

DBpedia (RRID:SCR_003661)

Resource Information

URL: <http://dbpedia.org/>

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Description: Data set of a crowd-sourced community effort to extract structured information from Wikipedia and make this information available on the Web. DBpedia allows you to ask sophisticated queries against Wikipedia, and to link the different data sets on the Web to Wikipedia data. It is hoped that this work will make it easier for the huge amount of information in Wikipedia to be used in some new interesting ways. Furthermore, it might inspire new mechanisms for navigating, linking, and improving the encyclopedia itself. The project extracts knowledge from 111 different language editions of Wikipedia. The DBpedia project maps Wikipedia infoboxes from 27 different language editions to a single shared ontology consisting of 320 classes and 1,650 properties. The mappings are created via a world-wide crowd-sourcing effort and enable knowledge from the different Wikipedia editions to be combined. The project publishes regular releases of all DBpedia knowledge bases for download and provides SPARQL query access to 14 out of the 111 language editions via a global network of local DBpedia chapters. In addition to the regular releases, the project maintains a live knowledge base which is updated whenever a page in Wikipedia changes. DBpedia sets 27 million RDF links pointing into over 30 external data sources and thus enables data from these sources to be used together with DBpedia data. Several hundred data sets on the Web publish RDF links pointing to DBpedia themselves and thus make DBpedia one of the central interlinking hubs in the Linked Open Data (LOD) cloud.

Abbreviations: DBpedia

Resource Type: data or information resource, data set

Keywords: multilingual, linked data, semantics, knowledge extraction, wikipedia, multilingual knowledge base, rdf, infobox, sparql endpoint, web service, virtuoso

Funding:

Availability: Creative Commons Attribution-ShareAlike License, v3, GNU Free Documentation License

Resource Name: DBpedia

Resource ID: SCR_003661

Alternate IDs: nlx_157815

Record Creation Time: 20220129T080220+0000

Record Last Update: 20250429T054838+0000

Ratings and Alerts

No rating or validation information has been found for DBpedia.

No alerts have been found for DBpedia.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Hanžel V, et al. (2025) Towards data-driven electricity management: multi-region uniform data and knowledge graph. Scientific data, 12(1), 38.

M S, et al. (2024) FLMatchQA: a recursive neural network-based question answering with customized federated learning model. PeerJ. Computer science, 10, e2092.

Wehnert S, et al. (2024) A dynamic approach for visualizing and exploring concept hierarchies from textbooks. Frontiers in artificial intelligence, 7, 1285026.

Yönyül B, et al. (2024) MonARCh: an actor based architecture for dynamic linked data monitoring. PeerJ. Computer science, 10, e2133.

Raghebi Z, et al. (2024) ActiveReach: an active learning framework for approximate reachability query answering in large-scale graphs. *Frontiers in big data*, 7, 1427104.

Jahn F, et al. (2023) A Linked Open Data-Based Terminology to Describe Libre/Free and Open-source Software: Incremental Development Study. *JMIR medical informatics*, 11, e38861.

Tomaszuk D, et al. (2023) MMLKG: Knowledge Graph for Mathematical Definitions, Statements and Proofs. *Scientific data*, 10(1), 791.

Takko T, et al. (2023) Knowledge mining of unstructured information: application to cyber domain. *Scientific reports*, 13(1), 1714.

Basereh M, et al. (2023) Automatic transparency evaluation for open knowledge extraction systems. *Journal of biomedical semantics*, 14(1), 12.

Liu G, et al. (2023) Enhancing Cross-Lingual Entity Alignment in Knowledge Graphs through Structure Similarity Rearrangement. *Sensors (Basel, Switzerland)*, 23(16).

Ramezani M, et al. (2022) Text-based automatic personality prediction using KGrAt-Net: a knowledge graph attention network classifier. *Scientific reports*, 12(1), 21453.

Lokala U, et al. (2022) Drug Abuse Ontology to Harness Web-Based Data for Substance Use Epidemiology Research: Ontology Development Study. *JMIR public health and surveillance*, 8(12), e24938.

Gao Y, et al. (2022) Cross-Modal Object Detection Based on a Knowledge Update. *Sensors (Basel, Switzerland)*, 22(4).

Lan G, et al. (2022) A semantic web technology index. *Scientific reports*, 12(1), 3672.

Zong N, et al. (2022) BETA: a comprehensive benchmark for computational drug-target prediction. *Briefings in bioinformatics*, 23(4).

Wang S, et al. (2022) Knowledge Graph Applications in Medical Imaging Analysis: A Scoping Review. *Health data science*, 2022.

Della Giusta M, et al. (2021) Expert communication on Twitter: Comparing economists' and scientists' social networks, topics and communicative styles. *Public understanding of science (Bristol, England)*, 30(1), 75.

Young JC, et al. (2021) Social Sensing of Heatwaves. *Sensors (Basel, Switzerland)*, 21(11).

Rubio-Sandoval JI, et al. (2021) An Indoor Navigation Methodology for Mobile Devices by Integrating Augmented Reality and Semantic Web. *Sensors (Basel, Switzerland)*, 21(16).

Deng L, et al. (2021) Constructing High-Fidelity Phenotype Knowledge Graphs for Infectious Diseases With a Fine-Grained Semantic Information Model: Development and Usability Study. *Journal of medical Internet research*, 23(6), e26892.