

Resource Summary Report

Generated by ASWG on Aug 3, 2026

Semantic MediaWiki

RRID:SCR_006246

Type: Tool

Proper Citation

Semantic MediaWiki (RRID:SCR_006246)

Resource Information

URL: http://www.semantic-mediawiki.org/wiki/Semantic_MediaWiki

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Description: A free, open-source extension to MediaWiki - the wiki software that powers Wikipedia - that helps to search, organize, tag, browse, evaluate, and share the wiki's content. While traditional wikis contain only text which computers can neither understand nor evaluate, SMW adds semantic annotations that allow a wiki to function as a collaborative database. Semantic MediaWiki introduces some additional markup into the wiki-text which allows users to add semantic annotations to the wiki. While this first appears to make things more complex, it can also greatly simplify the structure of the wiki, help users to find more information in less time, and improve the overall quality and consistency of the wiki. A large number of related extensions have been created that extend the ability to edit, display and browse through the data stored by SMW: the term Semantic MediaWiki is sometimes used to refer to this entire family of extensions.

Abbreviations: SMW

Synonyms: Semantic Media Wiki

Resource Type: software resource

Keywords: extension, wiki, semantic annotation, authoring tool

Funding: European Union

Availability: Open unspecified license

Resource Name: Semantic MediaWiki

Resource ID: SCR_006246

Alternate IDs: nif-0000-06677

Record Creation Time: 20220129T080235+0000

Record Last Update: 20260801T190306+0000

Ratings and Alerts

No rating or validation information has been found for Semantic MediaWiki.

No alerts have been found for Semantic MediaWiki.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Lizio M, et al. (2015) Gateways to the FANTOM5 promoter level mammalian expression atlas. Genome biology, 16(1), 22.

Romano P, et al. (2011) Tools and collaborative environments for bioinformatics research. Briefings in bioinformatics, 12(6), 549.

Fink JL, et al. (2010) Word add-in for ontology recognition: semantic enrichment of scientific literature. BMC bioinformatics, 11, 103.