

Resource Summary Report

Generated by SPARC SAWG on Sep 15, 2026

Semantic Automated Discovery and Integration

RRID:SCR_004130

Type: Tool

Proper Citation

Semantic Automated Discovery and Integration (RRID:SCR_004130)

Resource Information

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

Proper Citation: Semantic Automated Discovery and Integration (RRID:SCR_004130)

Description: Framework for discovery of, and interoperability between, distributed data and analytical resources. It combines GET/POST-based Web Services with standards from the W3C Semantic Web initiative. The objective is to make it easy for data and analytical tool providers to make their resources available on the Semantic Web with minimal disruption to their usual practices. It simply defines an open set of best-practices and conventions, within the spectrum of existing standards, that allow for a high degree of semantic discoverability and interoperability between participating services.

Abbreviations: SADI

Synonyms: Semantic Automated Discovery and Integration (SADI), SADI - Semantic Automated Discovery and Integration

Resource Type: service resource, software resource, source code

Defining Citation: [PMID:21210986](#)

Keywords: interoperability framework, discovery framework, interoperability software

Funding: CANARIE ;
Heart and Stroke Foundation of B.C. and Yukon ;
Canadian Institutes of Health Research ;
Microsoft Research

Availability: Open source

Resource Name: Semantic Automated Discovery and Integration

Resource ID: SCR_004130

Alternate IDs: nlx_143562

License: Creative Commons Attribution License

Record Creation Time: 20220129T080222+0000

Record Last Update: 20260912T200130+0000

Ratings and Alerts

No rating or validation information has been found for Semantic Automated Discovery and Integration.

No alerts have been found for Semantic Automated Discovery and Integration.

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 [SPARC SAWG](#) .

Dumontier M, et al. (2014) The SemanticScience Integrated Ontology (SIO) for biomedical research and knowledge discovery. Journal of biomedical semantics, 5(1), 14.

Wilkinson MD, et al. (2011) The Semantic Automated Discovery and Integration (SADI) Web service Design-Pattern, API and Reference Implementation. Journal of biomedical semantics, 2(1), 8.

Bhagat J, et al. (2010) BioCatalogue: a universal catalogue of web services for the life sciences. Nucleic acids research, 38(Web Server issue), W689.