

Resource Summary Report

Generated by ASWG on Aug 4, 2026

SIMILE

RRID:SCR_005862

Type: Tool

Proper Citation

SIMILE (RRID:SCR_005862)

Resource Information

URL: <http://simile.mit.edu/>

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Description: SIMILE, a joint project conducted by the MIT Libraries and MIT CSAIL, was focused on developing robust, open source tools that empower users to access, manage, visualize and reuse digital assets. SIMILE seeks to enhance interoperability among digital assets, schemata/vocabularies/ontologies, metadata, and services. A key challenge is that the collections which must inter-operate are often distributed across individual, community, and institutional stores. We seek to be able to provide end-user services by drawing upon the assets, schemata/vocabularies/ontologies, and metadata held in such stores. SIMILE will leverage and extend DSpace, enhancing its support for arbitrary schemata and metadata, primarily through the application of RDF and semantic web techniques. The project also aims to implement a digital asset dissemination architecture based upon web standards. The dissemination architecture will provide a mechanism to add useful views to a particular digital artifact (i.e. asset, schema, or metadata instance), and bind those views to consuming services. To guide the SIMILE effort we will focus on well-defined, real-world use cases in the libraries domain. Since parallel work is underway to deploy DSpace at a number of leading research libraries, we hope that such an approach will lead to a powerful deployment channel through which the utility and readiness of semantic web tools and techniques can be compellingly demonstrated in a visible and global community. The SIMILE Project and its members are fully committed to the open source principles of software distribution and open development and for this reason, it releases the created intellectual property (both software and reports) under a BSD-style license. The SIMILE Project Team Members gladly welcome community efforts.

Abbreviations: SIMILE

Synonyms: Semantic Interoperability of Metadata and Information in unLike Environments, SIMILE Project

Resource Type: topical portal, portal, data or information resource

Keywords: semantic, interoperability, metadata, information

Funding: Andrew W. Mellon Foundation

Availability: Open unspecified license - BSD-style license

Resource Name: SIMILE

Resource ID: SCR_005862

Alternate IDs: nlx_149403

Record Creation Time: 20220129T080232+0000

Record Last Update: 20260805T044128+0000

Ratings and Alerts

No rating or validation information has been found for SIMILE.

No alerts have been found for SIMILE.

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](#) .

Ilstedt U, et al. (2016) Intermediate tree cover can maximize groundwater recharge in the seasonally dry tropics. Scientific reports, 6, 21930.

Milsted AJ, et al. (2013) LabTrove: a lightweight, web based, laboratory "blog" as a route towards a marked up record of work in a bioscience research laboratory. PloS one, 8(7), e67460.

Keller M, et al. (2009) Use of unstructured event-based reports for global infectious disease surveillance. Emerging infectious diseases, 15(5), 689.