Resource Summary Report

Generated by NIF on Apr 26, 2025

Biositemaps

RRID:SCR_001976
Type: Tool

Proper Citation

Biositemaps (RRID:SCR_001976)

Resource Information

URL: http://www.ncbcs.org/biositemaps/

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on April 27,2023. Biositemaps represent a mechanism for computational biologists and bio-informaticians to openly broadcast and retrieve meta-data about biomedical data, tools and services (i.e., biomedical resources) over the Internet. All Institutions with an interest in biomedical research can publish a biositemap.rdf file on their Internet site. The technology, developed by the Biositemaps Working Group of the NIH Roadmap National Centers of Biomedical Computing (NCBC), addresses (i) locating, (ii) querying, (iii) composing or combining, and (iv) mining biomedical resources. Each site which intends to contribute to the inventory instantiates a file on its Internet site biositemap.rdf which conforms to a defined RDF schema and uses concepts from the Biomedical Resource Ontology to describe the resources. Each biositemap.rdf file is simply a list of controlled metadata about resources (software tools, databases, material resources) that your organization uses or believes are important to biomedical research. The key enabling technologies are the Information Model (IM) which is the list of metadata fields about each resource (resource_name, description, contact_person, resource_type,...) and the Biomedical Resource Ontology (BRO) which is a controlled terminology for the resource_typeand which is used to improve the sensitivity and specificity of web searches. Biositemaps blend the features of Sitemaps (enabling efficient web-content exploration) and RSS Feeds (a mechanism for wide and effective news dissemination). As a hybrid between Sitemaps and RSS feeds, the Biositemap infrastructure facilitates a decentralized, portable, extensible and computationally tractable generation and consumption of meta-data about existent, revised and new resources for biomedical computation. Web browsers, crawlers and robots can discover, accumulate, process, integrate and deliver Biositemaps content to (human or machine) users in a variety of graphical, tabular, computational formats. Biositemaps content allows such web browsers to pool resource-associated metadata from disparate and diverse sites and present it to the

user in an integrated fashion. The Biositemaps protocol provides clues, information and directives for all Biositemap web harvesters that point to the existence and content of such biomedical resources at different sites.

Abbreviations: Biositemaps

Resource Type: software resource, service resource

Keywords: broadcast, data federation, defined rdf schema, infrastructure, meta-data, rdf, retrieve, biomedical, biositemap, sitemap

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Biositemaps

Resource ID: SCR_001976

Alternate IDs: nif-0000-10583

Record Creation Time: 20220129T080210+0000

Record Last Update: 20250421T053304+0000

Ratings and Alerts

No rating or validation information has been found for Biositemaps.

No alerts have been found for Biositemaps.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Dinov ID, et al. (2009) Efficient, Distributed and Interactive Neuroimaging Data Analysis Using the LONI Pipeline. Frontiers in neuroinformatics, 3, 22.