

Resource Summary Report

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Biocatalogue - The Life Science Web Services Registry

RRID:SCR_001679

Type: Tool

Proper Citation

Biocatalogue - The Life Science Web Services Registry (RRID:SCR_001679)

Resource Information

URL: <http://www.biocatalogue.org/>

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Description: Crowd-curated catalog of life sciences Web services with over 2400 service entries, thereby enabling users (people and programs) to discover and use these services easily. It provides a platform with several (standardized) interfaces and a suite of tools for registration of services by the community of users as well as empowers the community to extend and enhance the system. BioCatalogue provides a centralized biological web services market place which is accessible to the world as it is searchable and indexable to search engines. Additionally, it provides a quality of service standard for biological web services thereby enabling services to be classified and checked for availability, reliability and other quality measures. Primary goals: * Provide a single registration point for Web Service providers and a single search site for scientists and developers. * Providers, Expert curators and Users will provide oversight, monitor the catalog and provide high quality annotations for services. * BioCatalogue is a place where the community can find contacts and meet the experts and maintainers of these services.

Abbreviations: BioCatalogue

Synonyms: Biocatalog

Resource Type: database, data access protocol, web service, data or information resource, software resource

Defining Citation: [PMID:20484378](#)

Keywords: biological, web, life science, programmatic access, bioinformatics, registry, annotation, bio.tools

Funding: European Union LHSB-CT-2004-512092;
EMBO ASTF 338.00-2009

Availability: The community can contribute to this resource

Resource Name: Biocatalogue - The Life Science Web Services Registry

Resource ID: SCR_001679

Alternate IDs: biotools:biocatalogue, nif-0000-10167

Alternate URLs: <https://bio.tools/biocatalogue>

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250508T064714+0000

Ratings and Alerts

No rating or validation information has been found for Biocatalogue - The Life Science Web Services Registry.

No alerts have been found for Biocatalogue - The Life Science Web Services Registry.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Duvaud S, et al. (2021) Expasy, the Swiss Bioinformatics Resource Portal, as designed by its users. Nucleic acids research, 49(W1), W216.

Urdiales-Nieto D, et al. (2017) Biological Web Service Repositories Review. Molecular informatics, 36(5-6).

Ison J, et al. (2016) Tools and data services registry: a community effort to document bioinformatics resources. Nucleic acids research, 44(D1), D38.

Tsiliki G, et al. (2014) Collaborative mining and interpretation of large-scale data for biomedical research insights. PloS one, 9(9), e108600.

Bandrowski AE, et al. (2012) A hybrid human and machine resource curation pipeline for the Neuroscience Information Framework. Database : the journal of biological databases and curation, 2012, bas005.

Attwood TK, et al. (2012) The PRINTS database: a fine-grained protein sequence annotation and analysis resource--its status in 2012. Database : the journal of biological databases and curation, 2012, bas019.

Disz T, et al. (2010) Accessing the SEED genome databases via Web services API: tools for programmers. BMC bioinformatics, 11, 319.