DBCLS
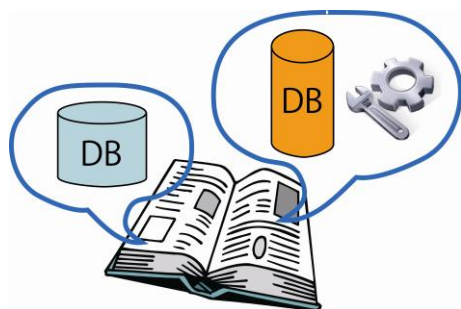Database Center for Life Science

OReFiL

(http://orefil.dbcls.jp/)

○ **Brief Description**

OReFiL stands for *Online Resource Finder for Lifescience*. It facilitates the search for online resources that are mentioned in peer-reviewed papers.

Reference

Yamamoto, Y., & Takagi T. (2007). OReFiL: an online resource finder for life sciences. *BMC Bioinformatics*, Vol. 8,

○ Features

・To provide a up-to-date service, OReFiL automatically and on a regular basis, extracts all URLs from MEDLINE abstracts and PubMed-indexed BioMed Central (including some PubMed Central) full-papers (implementation or availability sections), and indexes them with MeSH terms (Medical Subject Headings, a list of controlled terms for indexing biomedical literature used by the U.S. National Library of Medicine) and author names.

・OReFiL is available in English.

・OReFiL returns up-to-date, query-relevant online resources that are mentioned in peer-reviewed papers.

・Users can search for online resources not only by free words, but also by MeSH terms or author names.

・Users can easily verify each hit resource by following the links to its corresponding PubMed entry, Web pages linked to the hit resource, or papers citing the hit resource through the search systems of BioMed Central, Scirus, HighWire Press, or Google Scholar.

・Users can quickly confirm the existence of a Web page of an online resource.

・OReFiL has REST/SOAP interfaces which allow the users to utilize OReFiL within their own system.

○ Uses

・Users can find about the databases / tools / web-services of their interest.

・Users can rate or comment on the online resources and share their use experience.

○ Planned Features

・Provide links to full papers and other related resources from the articles listed in the search result.

○ Questions & Comments   info@dbcls.rois.ac.jp

(As of February, 2010)