

Resource Summary Report

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WIRM - Web Interfacing Repository Manager

RRID:SCR_002039

Type: Tool

Proper Citation

WIRM - Web Interfacing Repository Manager (RRID:SCR_002039)

Resource Information

URL: <http://sig.biostr.washington.edu/projects/wirm/>

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Description: WIRM is an innovative software toolkit that allows the creation of web applications that facilitate the acquisition, integration, and dissemination of multimedia biomedical data over the web, thereby reducing the cost of knowledge sharing. WIRM reduces the complexity of building custom biomedical web applications and its visual modeling tools enable domain experts to describe the structure of their knowledge, from which WIRM automatically generates full-featured, customizable content management systems. WIRM is a Perl-based application server that provides a high-level programming environment for developing web information systems. WIRM consists of an object-relational database and a suite of Perl interfaces for visualizing, integrating and analyzing heterogeneous multimedia data. WIRM provides facilities for creating context-sensitive views over a multimedia database, allowing developers to rapidly build dynamic web sites that adapt their content and presentation to multiple classes of end-users. WIRM was developed by Rex Jakobovits as part of his PhD dissertation at the University of Washington Computer Science department, under the guidance of Dr. James F. Brinkley of the Department of Biological Structure. The system was generalized from work funded by NIH SBIR grant R43-MH61277-01 and Human Brain Project grant DC/LM02310.

Synonyms: WIRM

Resource Type: software resource, software toolkit

Defining Citation: [PMID:12386108](#)

Keywords: application server, development tools, management systems, perl, programming environment, visual modeling, web applications

Availability: Free, Available for download, Freely available

Resource Name: WIRM - Web Interfacing Repository Manager

Resource ID: SCR_002039

Alternate IDs: nif-0000-11991

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260725T191222+0000

Ratings and Alerts

No rating or validation information has been found for WIRM - Web Interfacing Repository Manager.

No alerts have been found for WIRM - Web Interfacing Repository Manager.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.