Resource Summary Report

D2R Server - Publishing Relational Databases on the Semantic Web

RRID:SCR_004963
Type: Tool

Proper Citation

D2R Server - Publishing Relational Databases on the Semantic Web (RRID:SCR_004963)

Resource Information

URL: http://www4.wiwiss.fu-berlin.de/bizer/d2r-server/

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Description: D2R Server is a tool for publishing relational databases on the Semantic Web. It enables RDF and HTML browsers to navigate the content of the database, and allows applications to query the database using the SPARQL query language. Data on the Semantic Web is modeled and represented in RDF. D2R Server uses a customizable D2RQ mapping to map database content into this format, and allows the RDF data to be browsed and searched the two main access paradigms to the Semantic Web. D2R Server"s Linked Data interface makes RDF descriptions of individual resources available over the HTTP protocol. An RDF description can be retrieved simply by accessing the resource"s URI over the Web. Using a Semantic Web browser like Tabulator (slides) or Disco, you can follow links from one resource to the next, surfing the Web of Data. The SPARQL interface enables applications to search and query the database using the SPARQL query language over the SPARQL protocol. Requests from the Web are rewritten into SQL queries via the mapping. This on-the-fly translation allows publishing of RDF from large live databases and eliminates the need for replicating the data into a dedicated RDF triple store. The latest source code is available from the project"s CVS repository and can be browsed online.

Abbreviations: D2R Server

Resource Type: software resource, source code

Funding:

Resource Name: D2R Server - Publishing Relational Databases on the Semantic Web

Resource ID: SCR_004963

Alternate IDs: nlx_92812

Record Creation Time: 20220129T080227+0000

Record Last Update: 20250425T055429+0000

Ratings and Alerts

No rating or validation information has been found for D2R Server - Publishing Relational Databases on the Semantic Web.

No alerts have been found for D2R Server - Publishing Relational Databases on the Semantic Web.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.