

Erfurt Sparql-Endpoint Documentation

V 1.0

Author: Christoph Rieß

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Installation

From an working Ontowiki-Installation you should go to Erfurt-directory and enable it in erfurt.ini by setting the value of endpoint.http to 'true'.

Usage

The Script HTTP.php in Sparql/Endpoint located in the folder of your Erfurt API takes different values Submitted by HTTP GET or POST Variables. Some of them are obligatory others are optional:

- query: **OBLIGATORY** must contain the SPARQL-query to be executed on the Database
- user: **OPTIONAL** contains username to login into existing OntoWiki/Erfurt Account, the default is to login as anonymous.
- password: **OPTIONAL** password for username, the default value is the empty string.
- model: **OPTIONAL** contains an URI of a special model to perform the query on, by default the query performs on all models allowed for the specific user.

Example :

/pathtoerfurt/Sparql/Endpoint/HTTP.php?query=SELECT * WHERE {?s ?p ?
o}&user=someuser&password=somepassword&model=http://mymodel.org/

will give you all triples from http://mymodel.org. (using the specified login)

The result of the query is delivered as xml like specified from: <http://www.w3.org/TR/rdf-sparql-XMLres/>. Error Message is given if any Problem occurred.

Appendix

This Endpoint is in alpha state so lots of bugs and possible security problems could occur, please report them to the bugtracker of our project at: [SF BugTracker for OntoWiki](#)

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