
sparql11 Documentation

Release

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2.1 Installation

```
pip install sparql11
```

2.2 Usage

It's really simple to expose your graph via a SPARQL endpoint:

```
import sparql11
from rdflib import Graph

g = Graph()

# start a new SPARQL endpoint for g at localhost:3030
endpoint = sparql11.endpoint(g)
```

Documentation on how to perform queries follows soon.

sparql11 package

3.1 Module contents

`sparql11.endpoint` (*dataset*, *hostname='localhost'*, *port=3030*, *queryHandlerClass=sparql11.QueryHandler*)
 Creates a SPARQL endpoint from a dataset of RDF graphs.

Parameters

- **dataset** –
- **hostname** –
- **port** –
- **queryHandlerClass** –

Returns

`sparql11.parse_args` (*args*)
 Parse command line arguments for generating a SPARQL endpoint.

Parameters args –

Returns

class `sparql11.QueryHandler` (*request*, *client_address*, *server*)
 Bases: `http.server.BaseHTTPRequestHandler`

Handles requests according to the SPARQL1.1 Protocol.

do_GET ()
 Perform a SPARQL query GET request.

Returns

do_POST ()
 Perform a SPARQL query POST request.

Returns

class `sparql11.SPARQLEndpoint` (*server_address*, *RequestHandlerClass*, *bind_and_activate=True*)
 Bases: `http.server.HTTPServer`

SPARQL Protocol Endpoint

addGraph (*g*, *iri=None*)

dataset

`isAlive()`

`server_activate()`

Register serializers and initialize dataset.

Returns

`shutdown()`

`start()`

Indices and tables

- *genindex*
- *modindex*
- *search*