

OntoSemStats

OntoSemStats is an ontology which provide statistics about semantics usage on an RDF knowledge graph.

Web application

To build the Web application using Docker, you can run this command:

- `docker build -f web.Dockerfile -t semstatsweb .`

Then, to run the container, use this command:

- `docker run -it --rm -p 5000:80 -v ${PWD}:/data semstatsweb`

Then, go to <http://localhost:5000> and try our tool.

You can also use the Web API. For example, by going to <http://localhost:5000/api/instance?endpoint=http://dbpedia.org/sparql>, you will obtain statistics about DBpedia.

Command-line application

To build the command-line application using Docker, you can run this command:

- `docker build -f cmd.Dockerfile -t semstatscmd .`

Then, to run the container and retrieve information about DBpedia, run this command:

- `docker run -v ${PWD}:/data --rm -it semstatscmd -e http://dbpedia.org/sparql -o /data/semstat_dbpedia.ttl -f ttl`

By running `docker run --rm -it semstatscmd --help`, you can get further information about the command-line application.