

The real thing

The server we have set-up for the course runs a database system called

Virtuoso Open Source



From OpenLink Software

Virtuoso provides two important interfaces that we need for this course

- SPARQL
- Linked Data Platform

In my code, you will see me making Linked Data Platform (LDP) calls, but just ignore them for today. We will discuss LDP in detail tomorrow!

I am running the Docker image of Virtuoso, in the Google Cloud

A few small “tweaks” were required to get it working the way I wanted

My code - a tour

We will look BRIEFLY at my code for doing the data transformation

It isn't very informative...

1. Read each line of the TSV
2. Split on the Tab
3. Create URLs for those things that will be nodes
4. Create Triples
5. Push them to the server

The only “cleverness” is in the naming of the local nodes, and we saw that this morning