Intro and prerequisites

The purpose of this article is to teach you how to set up a Wordpress + MySQL development environment on your machine. I like local development with Docker, because it gives me a couple of valuable benefits. Some of these benefits are the following:

- a well separated development environment on my machine,
- my production and development environments use the exact same Docker image,
- I can easily bring up a development container of various Wordpress versions,
- deployment is a breeze,
- I don't need to install all the messy dev tools on my shiny new MacBook Pro (yeah, I'm an orderly person).

In order to enjoy the above benefits, you need to install the Docker engine on your machine first. We are lucky, because I just bought a new Mac, so you can see the native Docker for Mac installation in the video. There is not much to write about it, it's just a wizard that you should follow. Just go to https://www.docker.com/products/docker#/mac and follow the steps in my video.

We'll use a SQL client during this tutorial, so please make sure that your preferred SQL client is available on your machine. If you don't know what to use, check out my favorite for the Mac; Sequel Pro.

After we sorted out the installation here is what we will do:

1. pull the MySQL (MariaDB) image from the Docker store
2. store data outside the container
3. run the MariaDB container
4. pull the Wordpress image
5. run the Wordpress container