**RUNNING SPRING BOOT IN A DOCKER CONTAINER**

<https://springframework.guru/running-spring-boot-in-a-docker-container/>

https://github.com/arun-gupta/docker-for-java

Containers based deployments are rapidly gaining popularity in the enterprise. One of the more popular container solutions is Docker.

Many view containers as virtual machines. They’re not. Well kind of not. A container is a virtual walled environment for your application. It’s literally a ‘container’ inside the host OS. Thus your application works like it is in it’s own self contained environment, but it’s actually sharing operating system resources of the host computer.  Because of this, containers are more resource efficient than full blown virtual machines. You get more bang for your buck running a bare metal machine with a bunch of containers, than you do running a bare metal machine with a bunch of VMs. This is why massive cloud computing companies running 10’s of thousands of servers are running containers. Google, Facebook, Netflix, Amazon are all big advocates of containers.