

dv-docker

This project builds a [docker](http://www.docker.io) container for running [JBoss Data Virtualization] (<http://http://www.redhat.com/products/jbossenterprisemiddleware/data-virtualization/>) 6.0.0.GA.

Prerequisites

1. Install [Docker](https://www.docker.io/gettingstarted/#1)
2. Download JBoss Data Virtualization from [jboss.org.] (<http://jboss.org/products/#IBP>)
2. Put the downloaded file: jboss-dv-installer-6.0.0.GA-redhat-4.jar into dv-docker/software

Building the docker container locally

Once you have [installed docker] (https://www.docker.io/gettingstarted/#h_installation) and downloaded the JBoss Data Virtualization software, you should be able to create the JBoss Data Virtualization container via the following command:

If you are on OS X then see How to use [Docker on OS X.]

(<https://github.com/fabric8io/fabric8-docker/blob/master/DockerOnOSX.md>)

```
$ docker build -t jbosssdv600 .
```

The JBoss Data Virtualization container then build.

Try it out

If you have docker installed you should be able to try it out via:

```
$ cd dv-docker
$ docker run -P -d -t jbosssdv600
```

This will run the jbosssdv600 container and starts automatically JBoss Data Virtualization, PostgreSQL, MySQL and MongoDB. You can then run ****docker attach \$containerID**** or ****docker logs -f \$containerID**** to get the logs at any time.

Run ****docker ps**** to see all the running containers or ****docker inspect \$containerID**** to view the IP address and details of a container.

Experimenting

To spin up a shell in the JBoss Data Virtualization containers try:

```
$ docker run -P -i -t jbosssdv600 /bin/bash
```

You can then noodle around the container and run stuff & look at files etc.

The /home/jboss/run.sh script can be used to start the databases MongoDB, MySQL, PostgreSQL and JBoss Data Virtualization 6.0.0.GA.