Docker AEM Vanilla instance

Docker Desktop is an application for MacOS and Windows machines for the building and sharing of containerized applications and microservices.

Get Docker Desktop at https://www.docker.com/products/docker-desktop

We'll be using a predefined Docker image from to provide a base setup with everything needed to get started with the Adobe WKND tutorial.

This image is from AEMDesign, multiple AEM versions/configurations are available and can be seen on Github by looking at the branches, https://github.com/aem-design/docker-aem/tree/master

1. Pull the version 6.4.8.0 image:

   ```
   docker pull aemdesign/aem:6.4.8.0
   ```

   > Be sure to stop any other AEM instances on port 3502
   >
   > Be sure to have the path to your license.properties, and update the commands before running them

2. To start local demo AEM 6.4.8 instance on port 3502 on Mac iOS

   ```
   docker run --name author648-3502 \
   --env "AEM_RUNMODE=-Dsling.run.modes=author,crx3,crx3tar,dev" \
   --mount type=bind,source="${PWD}/runtime/tf-platform/license.
   properties",target=/aem/license.properties \
   -p3502:8080 -d \
   -p30313:58242 -d \
   aemdesign/aem:6.4.8.0
   ```

   For windows:

   ```
   docker run --name author648-3502 --env "AEM_RUNMODE=-Dsling.run.
   modes=author,crx3,crx3tar,dev" --mount type=bind,source="c:/Users/
   [myuserid]/runtime/tf-platform/licence.properties",target=/aem
   /license.properties -p3502:8080 -d -p30313:58242 -d aemdesign/aem:
   6.4.8.0
   ```

   > *It will take a few min to start, be patient it may take 10min +/-

   Visit: http://localhost:3502/system/console/bundles

   username: admin

   password: admin

After all the packages have installed, Visit http://localhost:3502/ to confirm its up and running.

1. **username:** admin

   password: admin
2. to open a shell in the running docker container:

```
docker container exec -it author648-3502 /bin/sh
```

to exit the shell ctrl+p , ctrl+q.

3. to stop the container

```
docker container stop author648-3502
```

4. Re-start/Start a stopped container

```
docker container start author648-3502
```

Shorthand commands explanation:

-d, --detach	Run container in background and print container ID
-e, --env list	Set environment variables
-i, --interactive	Keep STDIN open even if not attached
-p, --publish list	Publish a container's port(s) to the host
-t, --tty	Allocate a pseudo-TTY