

Title: Build a Maven project and submit as the Flink job using Docker

Post Body:

I am trying to build a maven project using docker and submit a generated jar in flink. But in the end, some exception is occurring. Anyone can please help me to resolve the exception.

## Dockerfile

```
FROM maven:3.6-jdk-8-slim AS builder
COPY src /home/app/src
COPY pom.xml /home/app
RUN mvn -f /home/app/pom.xml clean package
```

## docker-compose.yml

```
version: "3"
services:
  demo:
    build:
      context: .
    dockerfile: Dockerfile
    container_name: demoapp
    expose:
```

## Exception

```
----- Building demo Step 1/10 : FROM maven:3.6-jdk-8-slim AS builder -----
```

Also, checked the running containers, but not running any container.

## Build Command that I used

```
sudo docker-compose up --build
```

## Also tried to build using this command

```
docker run --rm -it demo:latest sudo docker build -t demo .
```

But the result same exception

Accepted Answer: None

Highest Rated Answer:

This isn't how to go about running Flink with docker. You need to arrange for a Job Manager and at least one Task Manager to be started -- you can't use `./bin/flink run` without first creating a cluster for the job to run on.

A good way to learn your way around this topic is to work through the [Flink Operations Playground](#), which includes a complete docker-based infrastructure you can use as a starting point for your own projects.

There's also [documentation on how to run Flink on Docker](#).