**How to deploy Spring boot apps to Pivotal Cloud Foundry**

Prerequities:

1. Java 1.7 or 1.8

2. Cloud Foundry CLI

3. The application(Optional)

Steps:

1. Create the Spring boot application.

2. Create a manifest file in YAML format named **manifest.yml** and make the minimum entries as:

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applications:

- name: springapp

buildpack: java\_buildpack

path: target/demo-0.0.1-SNAPSHOT.jar

Note:-name: unique name of the application

buldpack: the build tool for app in our case is java\_buildpack.

path: the address for the application archive.

2. Go the application root directory and place the above yml file

3. build the package using maven

mvn clean package

4. login to pivotal cloud foundry using terminal

cf login -a api.run.pivotal.io

5. Push your app with a unique server name as

cf push <app-name> -n <unique-host>

Unique-host will be the part of your access URL. e.g. if your cloud domain is mydomain.com then your app will be <unique-host>.mydomain.com.

cf push demo1 -n tomy1 --tomy1 is my unique-host