**Steps To Build FormsPlayAppProduction**

1) after pushing the code into git hub

2) login into master ami mechine , In master ami mechine we have docker file written for all applications.

In commandline goto /hom/ubuntu/play/formsPlayAppProduction/

here we can find docker file written

3) Type docker images in command line

cmd : docker images

we can see list of docker images build

4) before build docker images

If docker image exist with formsPlayAppProduction tag, we need delete docker image Id

command to delete docker image

commad: docker rmi -f image Id

exmple: docker rmi -f 4dd46245ccc7

after deleting build new docker image

command build docker image

root@master-ami:/home/ubuntu/play/formsPlayAppProduction# docker build -t guysyml/private:formsPlayAppProduction .

Note at the End dot also needed

else

if docker image not exist build docker image for application

root@master-ami:/home/ubuntu/play/formsPlayAppProduction# docker build -t guysyml/private:formsPlayAppProduction .

5)after build docker image

we need to push docker image to docker hub

command to push docker image:

root@master-ami:/home/ubuntu/play/formsPlayAppProduction# docker push guysyml/private:formsPlayAppProduction

6) after pushing docker image to docker Hub

Go to Nirmata , production Enivroment , if application already running with formsplayproductionapp tag , delete redeploye ,

7) if we have more then one instances we need redeploy all , other wise old application is working old functionalits

8) production formsplayapp docker script

formsplay is play application so we need sbt , jdk,

after setting Environment

script will clone application from github

got the application floder

to run playapplication

go inside play applicationfloder

command to run application sbt clean start

ProductionformsplayApp Docker File Script

FROM ubuntu:15.04

MAINTAINER Vijay <vijay.kumar@bizruntime.com>

ENV SCALA\_VERSION 2.11.1

ENV SBT\_VERSION 0.13.5

#Oracle Java 7

RUN \

apt-get update && \

apt-get -y upgrade && \

apt-get install -y python-software-properties software-properties-common wget supervisor && \

add-apt-repository -y ppa:webupd8team/java && \

echo oracle-java8-installer shared/accepted-oracle-license-v1-1 select true | /usr/bin/debconf-set-selections && \

apt-get update && apt-get install -y oracle-java7-installer

ENV JAVA\_HOME /usr/lib/jvm/java-7-oracle

#Add Github Authentication

RUN mkdir -p /root/.ssh

ADD id\_rsa /root/.ssh/id\_rsa

RUN chmod 700 /root/.ssh/id\_rsa && \

echo "Host github.com\n\tStrictHostKeyChecking no\n" > /root/.ssh/config

#Git clone the repository

RUN apt-get install -y git && \

cd /opt && \

git clone git@github.com:guysyml/formsPlayAppProduction.git && apt-get update && \

apt-get install -y curl &&\

curl -o scala-$SCALA\_VERSION.tgz http://downloads.typesafe.com/scala/$SCALA\_VERSION/scala-$SCALA\_VERSION.tgz && \

tar -xf scala-$SCALA\_VERSION.tgz && \

rm scala-$SCALA\_VERSION.tgz && \

echo >> /root/.bashrc && \

echo 'export PATH=~/scala-$SCALA\_VERSION/bin:$PATH' >> /root/.bashrc

RUN \

curl -L -o sbt-$SBT\_VERSION.deb https://dl.bintray.com/sbt/debian/sbt-$SBT\_VERSION.deb && \

dpkg -i sbt-$SBT\_VERSION.deb && \

rm sbt-$SBT\_VERSION.deb && \

apt-get update && \

apt-get install sbt && \

cd /opt/formsPlayAppProduction/formsPlayAppProduction && sbt play-update-secret && sbt compile

# Generate Configuration file from Environment Variables

RUN echo '[program:play]\ndirectory=/opt/formsPlayAppProduction/formsPlayAppProduction\ncommand=sbt clean start' > /etc/supervisor/conf.d/play.conf && \

echo '#!/bin/bash\nsed -i "s/OPENERP\_HOST/$OPENERP\_HOST/;s/OPENERP\_PORT/$OPENERP\_PORT/;s/OPENERP\_DB/$OPENERP\_DB/;s/OPENERP\_USERNAME/$OPENERP\_USERNAME/;s/$

chmod +x /start

#CMD [ "/usr/bin/supervisord", "-n", "-c", "/etc/supervisor/supervisord.conf" ]