node {

stage ('Git checkout') {

git branch: 'docker', url: 'https://github.com/jihedchaabane/zipkin-sample.git'

}

// mvn clean install ms1, ms2, ms3

stage('Build gr-conf-zipkin-client-ms1') {

sh '/opt/maven/bin/mvn clean install -pl gr-conf-zipkin-client-ms1 -am'

}

stage('Build gr-conf-zipkin-client-ms2') {

sh '/opt/maven/bin/mvn clean install -pl gr-conf-zipkin-client-ms2 -am'

}

stage('Build gr-conf-zipkin-client-ms3') {

sh '/opt/maven/bin/mvn clean install -pl gr-conf-zipkin-client-ms3 -am'

}

// [ERROR] Failed to execute goal org.apache.maven.plugins:maven-help-plugin:3.2.0:evaluate (default-cli) on project zipkin-sample:

// Execution default-cli of goal org.apache.maven.plugins:maven-help-plugin:3.2.0:evaluate failed:

// An API incompatibility was encountered while executing org.apache.maven.plugins:maven-help-plugin:3.2.0:evaluate:

// java.lang.ExceptionInInitializerError: null

//stage('List Modules') {

// sh '/opt/maven/bin/mvn help:evaluate -Dexpression=project.modules -q -DforceStdout'

//}

// Docker Verify Dockerfiles : ms1, ms2, ms3

stage('Verify Dockerfiles') {

sh '''

test -f gr-conf-zipkin-client-ms1/Dockerfile || { echo "Dockerfile missing in gr-conf-zipkin-client-ms1"; exit 1; }

test -f gr-conf-zipkin-client-ms2/Dockerfile || { echo "Dockerfile missing in gr-conf-zipkin-client-ms2"; exit 1; }

test -f gr-conf-zipkin-client-ms3/Dockerfile || { echo "Dockerfile missing in gr-conf-zipkin-client-ms3"; exit 1; }

'''

}

// Docker build images : ms1, ms2, ms3

stage ('Docker Build Image ms1') {

sh '''

cd /var/lib/jenkins/workspace/zipkin-sample--docker-create-images/gr-conf-zipkin-client-ms1

docker build -t jihed123/gr-conf-zipkin-client-ms1:0.0.1-SNAPSHOT .

'''

}

stage ('Docker Build Image ms2') {

sh '''

cd /var/lib/jenkins/workspace/zipkin-sample--docker-create-images/gr-conf-zipkin-client-ms2

docker build -t jihed123/gr-conf-zipkin-client-ms2:0.0.1-SNAPSHOT .

'''

}

stage ('Docker Build Image ms3') {

sh '''

cd /var/lib/jenkins/workspace/zipkin-sample--docker-create-images/gr-conf-zipkin-client-ms3

docker build -t jihed123/gr-conf-zipkin-client-ms3:0.0.1-SNAPSHOT .

'''

}

}