



链滴

# Gitlab CI/CD For Springboot

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原文链接: <https://ld246.com/article/1557583477687>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

## 环境

CentOS 7 (gitlab-runner的服务器上事先安装maven,sshpass)

## gitlab-runner

官方安装文档:<https://docs.gitlab.com/runner/install/linux-manually.html>

官方注册文档:<https://docs.gitlab.com/runner/register/index.html>

## .gitlab-ci.yml

#全局变量定义

variables:

DEV\_NAME: dev //开发服务器的用户名称

DEV\_HOST: 0.0.0.0 //开发服务器地址

CODE\_PATH: ./Develop/SourceCode/Code/ 代码路径

MAVEN\_CLI\_OPTS\_develop: "/mvn\_config/mvn-settings.xml --batch-mode" //编译时选择的aven路径

#阶段顺序

stages:

- before\_all
- build
- deploy
- clean

#每一个阶段前面

before\_script:

- '!'

#所有步骤之前

before\_all:

stage: before\_all

script:

- '! "=====  
编译环境检测  
====="'

dependencies: []

only:

refs:

- develop
- master
- test

#发布、编译

mvn package:

stage: build

variables:

MAVEN\_CLI\_OPTS: \$MAVEN\_CLI\_OPTS\_develop

script:

- cd \${CODE\_PATH}
- TEMP\_PATH=`pwd`
- mkdir -p final\_target

```

- rm -f ./final_target/*.zip
- mvn -s ${TEMP_PATH}${MAVEN_CLI_OPTS} package deploy -B -e -U -T 1C -Dmaven.test.sk
p=true -Dmaven.compile.fork=true
- find ./ -name *.zip | grep -v final_target | xargs -i mv {} ./final_target/
- find ./ -name *.zip
artifacts:
  name: "${CI_COMMIT_REF_NAME}"
  paths:
    - ${CODE_PATH}final_target
only:
  refs:
    - develop
  changes:
    - Develop/SourceCode/Code/**/*.{java,xml,properties,sh}

```

#部署,运行(开发)

```

deploy-agri:
  stage: deploy
  variables:
    PASSWD: $DEV_PASSWD      //开发环境密码设置在runner变量下
    NAME: $DEV_NAME
    HOST: $DEV_HOST
  dependencies:
    - mvn package
  script:
    - ': "=====      开发环境检测      ====="'
    - find ${CODE_PATH} -name *.zip

    - ': "=====      备份      ====="'
    - ': "=====      停止应用,删除旧包      ====="'
    - ': "=====      开始执行      ====="'
    - sshpass -p ${PASSWD} ssh -o StrictHostKeychecking=no ${NAME}@${HOST} "mkdir -p ./Rele
eases/"
    - sshpass -p ${PASSWD} ssh -o StrictHostKeychecking=no ${NAME}@${HOST} "rm -f ./Relea
es/*.zip"
    - sshpass -p ${PASSWD} scp -o StrictHostKeychecking=no ${CODE_PATH}final_target/spring
oot.zip ${NAME}@${HOST}:/Releases/
    - sshpass -p ${PASSWD} ssh -o StrictHostKeychecking=no ${NAME}@${HOST} "python3 ./Re
eases/deploy.py"      //备份, 停止, 增量, 启动脚本写在deploy.py中
    - ': "=====      检测是否成功启动      ====="'
    - sleep 30
    - sshpass -p ${PASSWD} ssh -o StrictHostKeychecking=no ${NAME}@${HOST} "jps | grep -v
ps "
  only:
    refs:
      - develop
  changes:
    - Develop/SourceCode/Code/**/*.{java,xml,properties,sh}

```

after all:

```

stage: clean
script:
- ': "=====      END      ====="'
- ': "=====      结果反馈?      ====="'

```

dependencies: []

only:

refs:

- develop
- master
- test