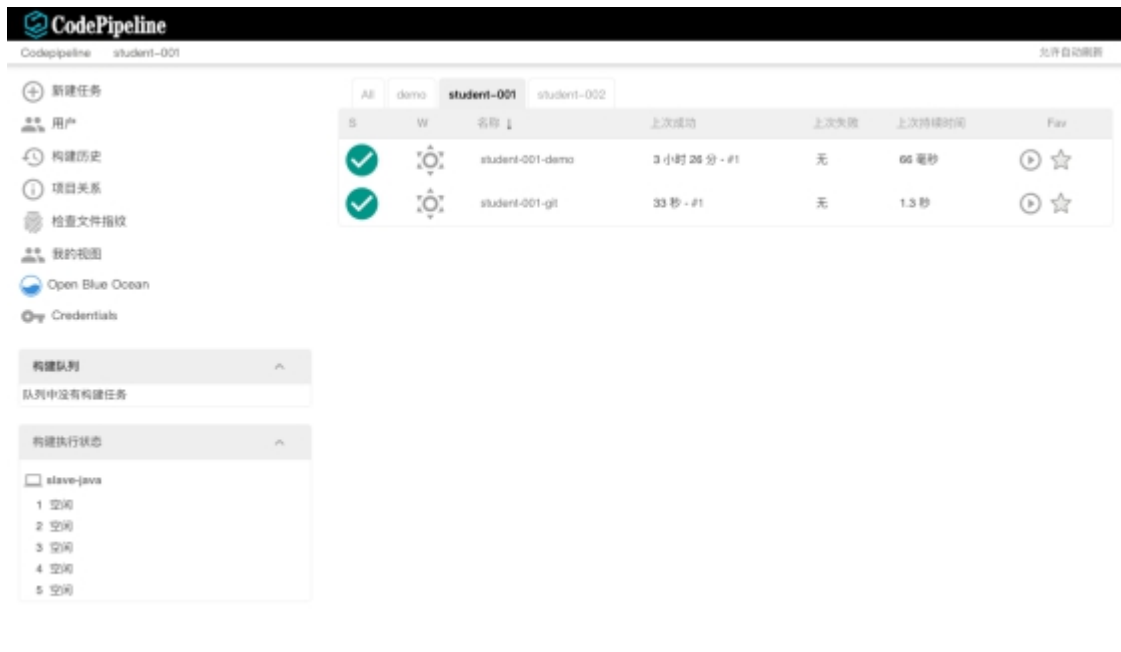
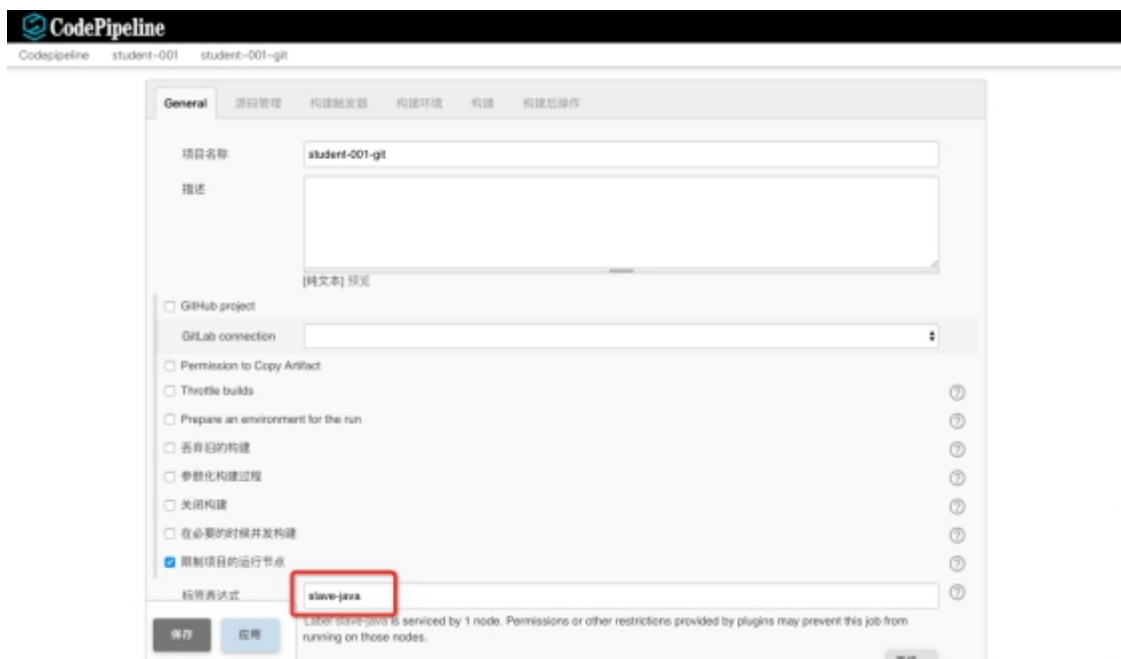


实验课程7-2 使用CodePipeline自动拉取源码并编译

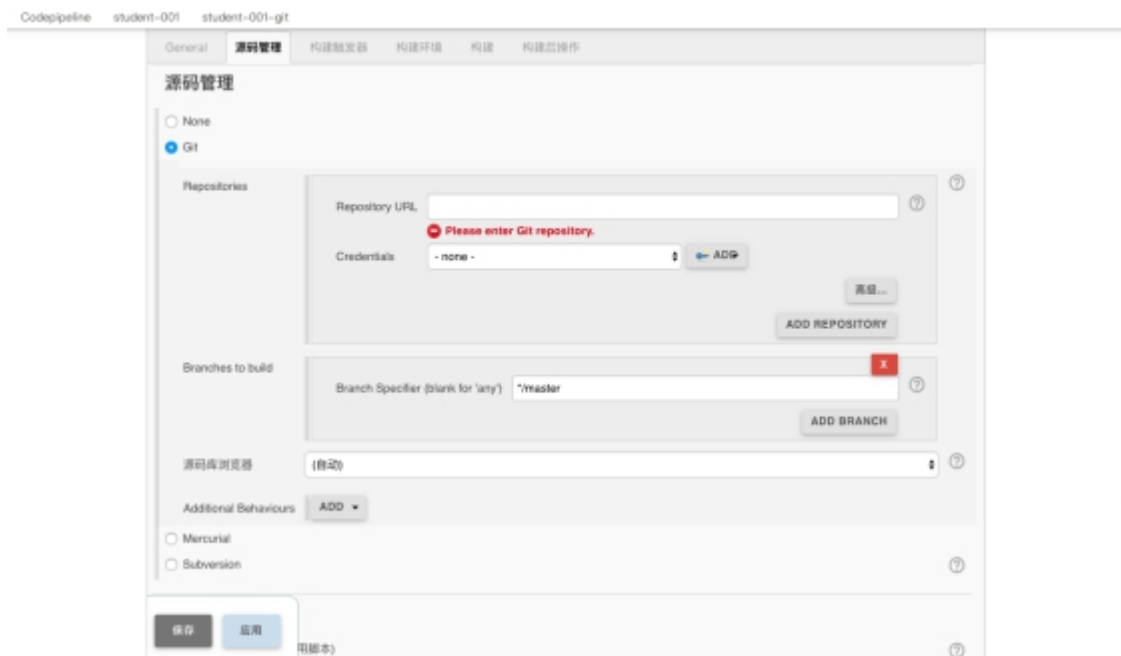
一、新建名为student-001-git的项目并配置源码拉取和构建



2、配置项目的运行节点：



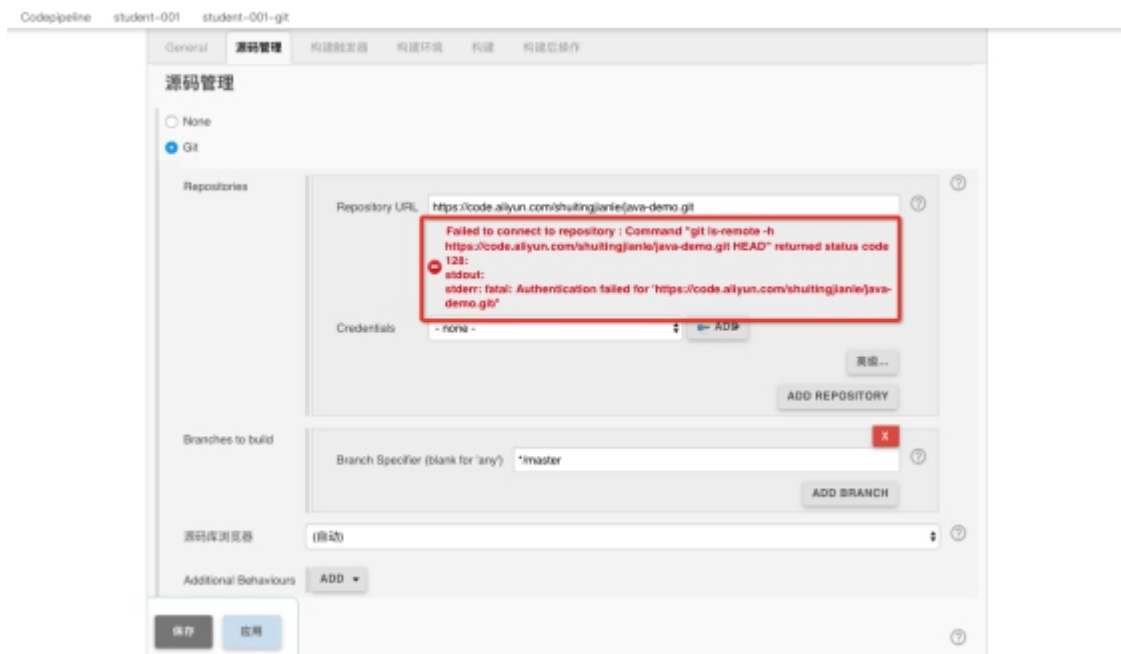
3、源码管理选择“Git”：



4、Repositories -> Repository URL 处填写我们在阿里云Code上的java-demo项目URL:

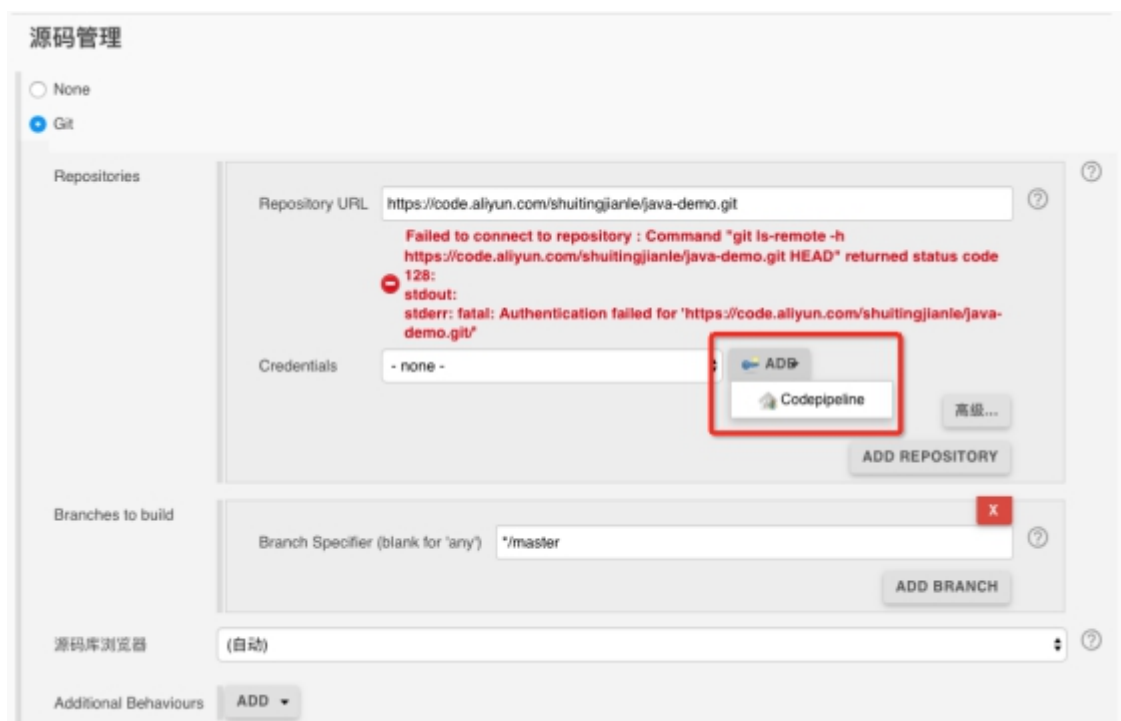


5、由于之前创建的java-demo项目为私有项目，所以在未配置凭证之前，会报如下错误：




6、处理方法：

(1) 下面需要添加凭证， 点击 ADD -> CodePipeline：



(2) 填写java-demo仓库的用户名密码信息，填写此凭证的ID和Description信息， 最后点击ADD完成添加：



Jenkins Credentials Provider: Codepipeline

Add Credentials

Domain: Global credentials (unrestricted)

Kind: Username with password

Scope: Global (Jenkins, nodes, items, all child items, etc)


Username: [REDACTED]

Password: [REDACTED]

ID: aliyuncode-git

Description: aliyuncode-git

ADD CANCEL



教育一体机

Codepipeline student-002-git

General 源码管理 构建触发器 构建环境 构建 构建后操作

Add Credentials

Domain: Global credentials (unrestricted)

Kind: Username with password

Scope: Global (Jenkins, nodes, items, all child items, etc)

Username: 智学通3371

Password: [REDACTED]

ID: student-002-certification

Description: certification

ADD CANCEL

(3) 选择创建好的凭证后，报错信息消失：

Codepipeline student-001 student-001-git

General 源码管理 构建触发器 构建环境 构建 构建后操作

源码管理

☐ None

☒ Git

Repositories

Repository URL: https://code.aliyun.com/shulingjian/java-demo.git

Credentials: [REDACTED] (aliyuncode-git) ADD

高级...

ADD REPOSITORY

Branches to build

Branch Specifier (blank for 'any'): */master

ADD BRANCH

源码库浏览器: (自动)

Additional Behaviours: ADD

☐ Mercurial

☐ Subversion

保存 应用

7、点击保存。

二、添加构建

1、点击“立即构建”并查看构建日志



```
Started by user user1
[EnvInject] - Loading node environment variables.
Building remotely on slave-java in workspace /home/jenkins/workspace/student-001-git
Cloning the remote Git repository
Cloning repository https://code.aliyun.com/shuitingjianle/java-demo.git
> git init /home/jenkins/workspace/student-001-git # timeout=10
Fetching upstream changes from https://code.aliyun.com/shuitingjianle/java-demo.git
> git --version # timeout=10
using GIT_ASKPASS to set credentials aliyuncode-git-credential
> git fetch --tags --progress https://code.aliyun.com/shuitingjianle/java-demo.git
+refs/heads/*:refs/remotes/origin/*
> git config remote.origin.url https://code.aliyun.com/shuitingjianle/java-demo.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://code.aliyun.com/shuitingjianle/java-demo.git # timeout=10
Fetching upstream changes from https://code.aliyun.com/shuitingjianle/java-demo.git
using GIT_ASKPASS to set credentials aliyuncode-git-credential
> git fetch --tags --progress https://code.aliyun.com/shuitingjianle/java-demo.git
+refs/heads/*:refs/remotes/origin/*
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
> git rev-parse refs/remotes/origin/origin/master^{commit} # timeout=10
Checking out Revision dea7c5a455b1104eaf13lac77749a49b392b4818 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f dea7c5a455b1104eaf13lac77749a49b392b4818
Commit message: 'add Dockerfile'
First time build. Skipping changelog.
Finished: SUCCESS
```

2、继续配置项目，增加mvn打包构建命令

在项目面板点击 配置 进入项目配置页面：



CodePipeline student-001 student-001-git 允许自动部署

返回面板

状态

修改记录

工作空间

立即构建

删除 Project

配置

Favorite

Open Blue Ocean

Build History 构建历史

Build	Time
1	2018-10-31 上午7:25

RSS 全部 RSS 失败

Project student-001-git

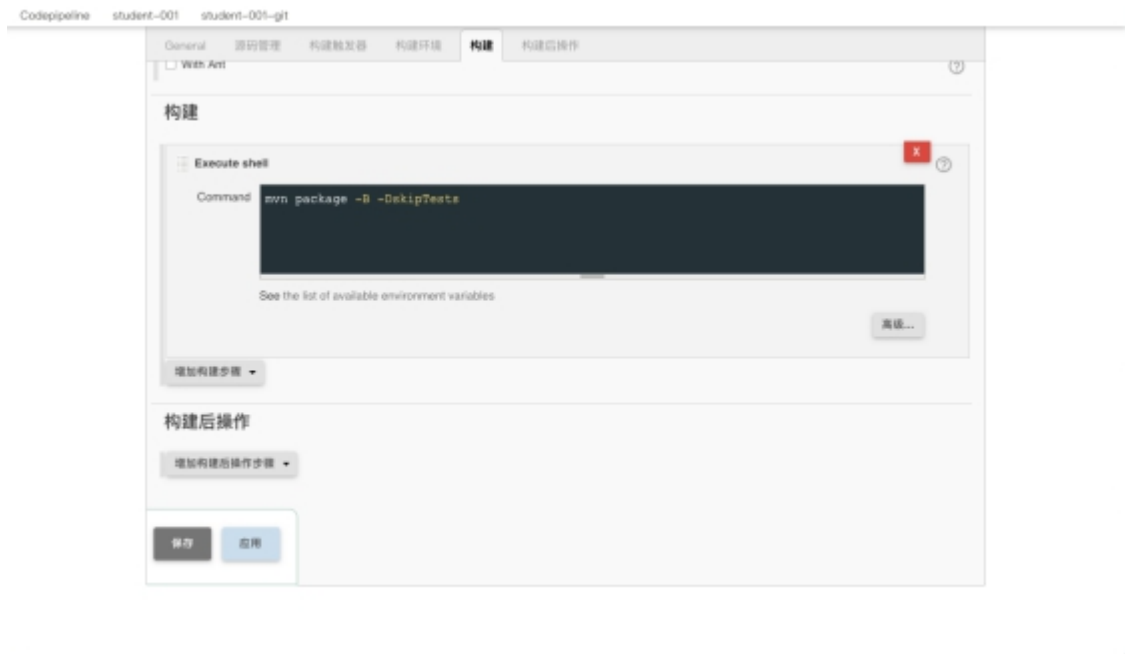
工作区

最新修改记录

相关连接

- Last build #10, 24 分之前
- Last stable build #10, 24 分之前
- Last successful build #10, 24 分之前
- Last completed build #10, 24 分之前

3、在 构建 区域，增加构建步骤，选择 Execute shell并添加构建命令： mvn package -B -DskipTests



4、保存。

构建并查看日志

