

# 一、jenkins的使用入门

这边提供的是windows win64位系统的安装程序，使用其他系统的同学请自行官网下载

# jdk下载地址 版本1.8以上

<https://www.oracle.com/technetwork/java/javase/downloads/index.html>

# jenkins下载地址


<https://jenkins.io/zh/>

## 1、安装JDK

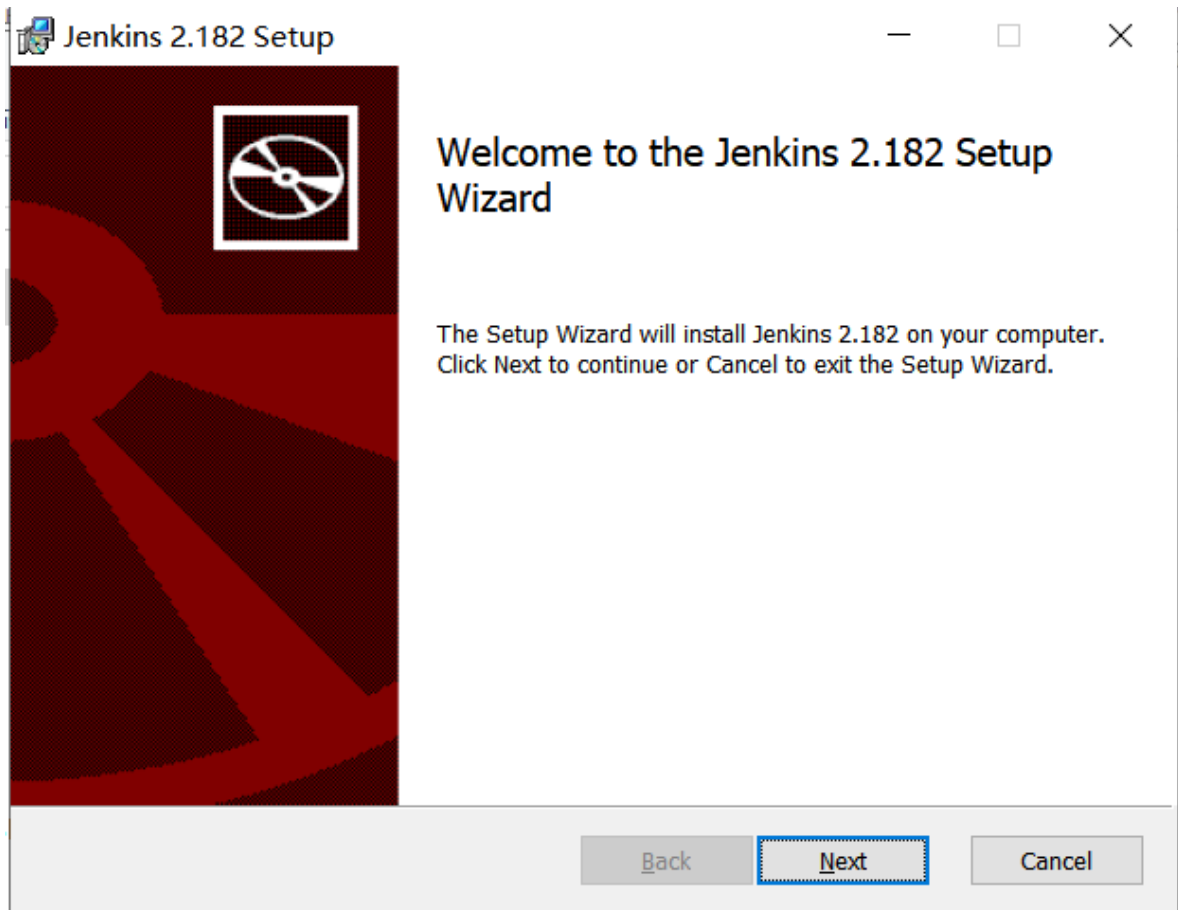
- JDK安装完需要配置环境变量，请参考文档：[https://blog.csdn.net/grh\\_168/article/details/82535148](https://blog.csdn.net/grh_168/article/details/82535148)

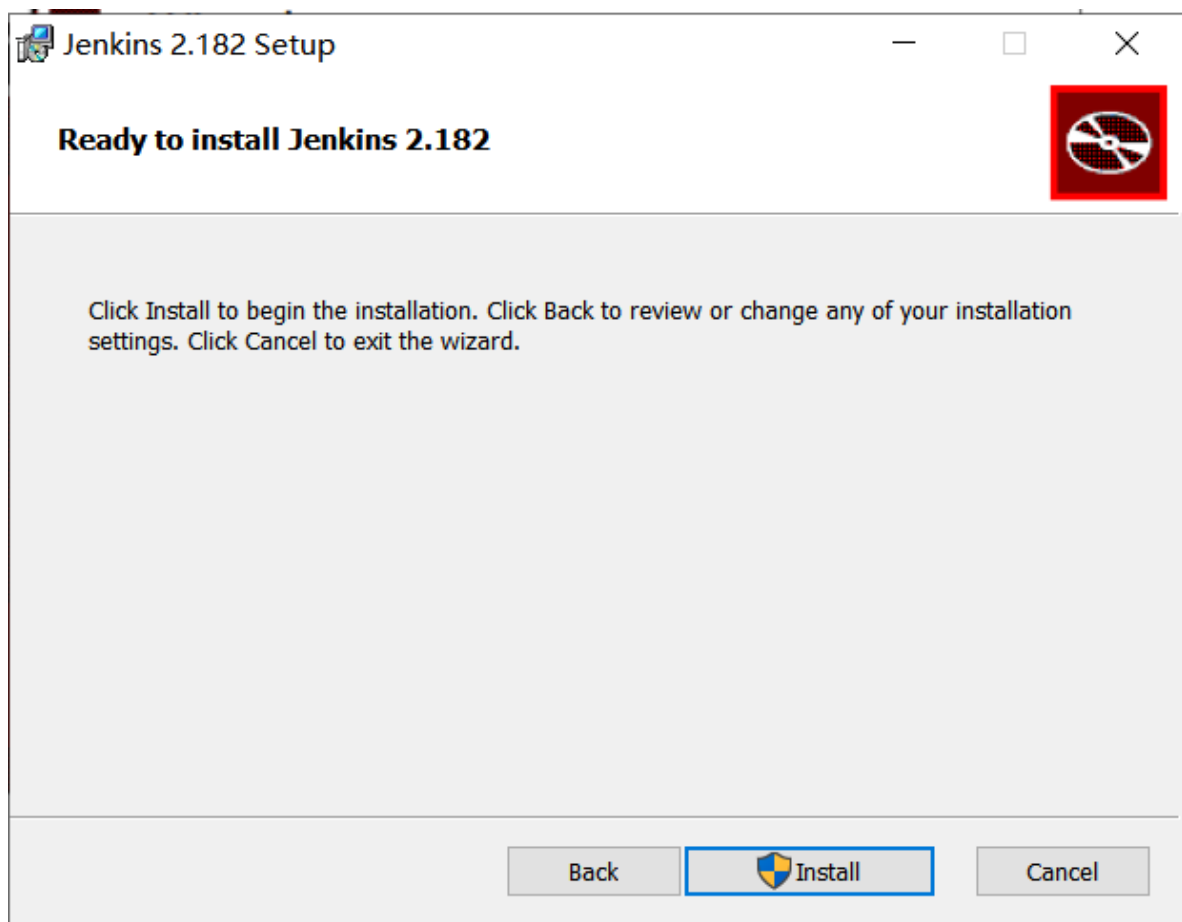
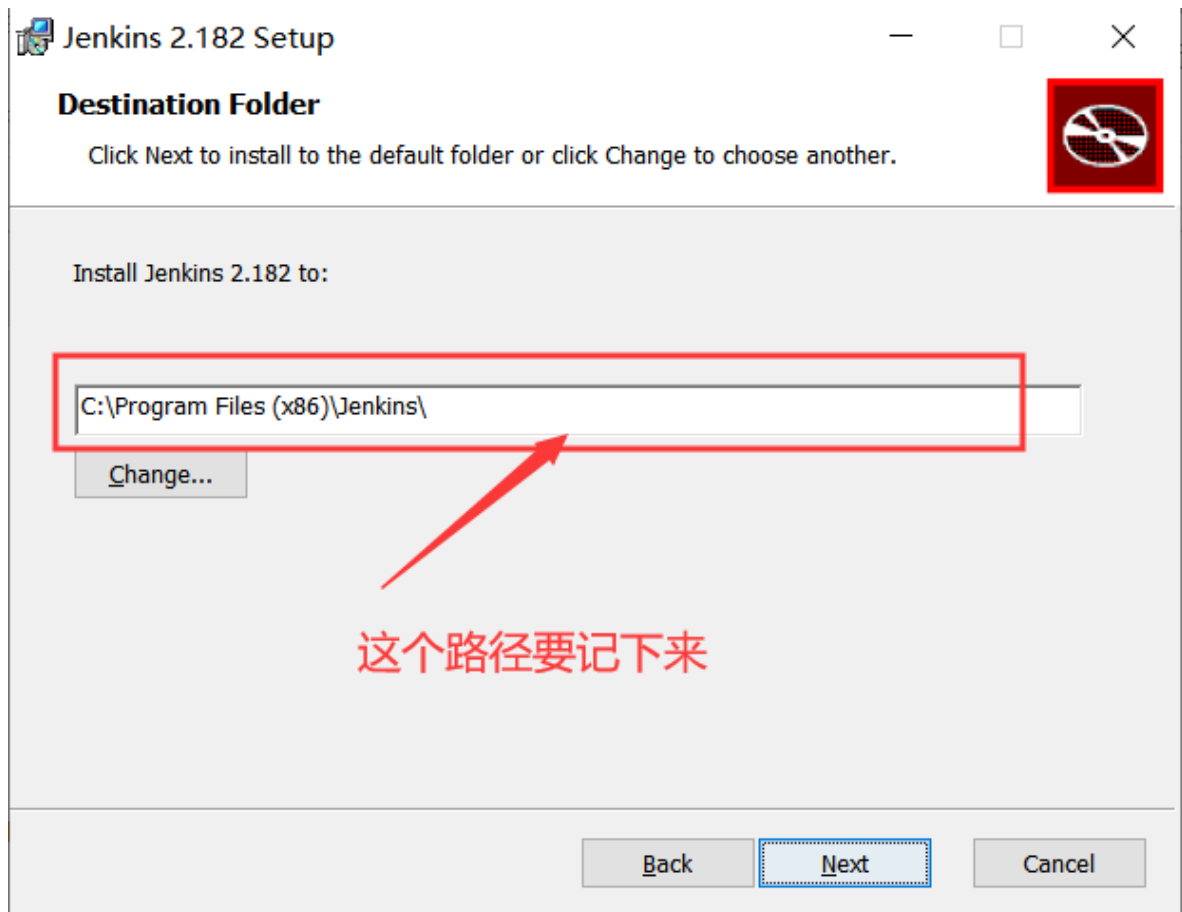
## 2、安装jenkins

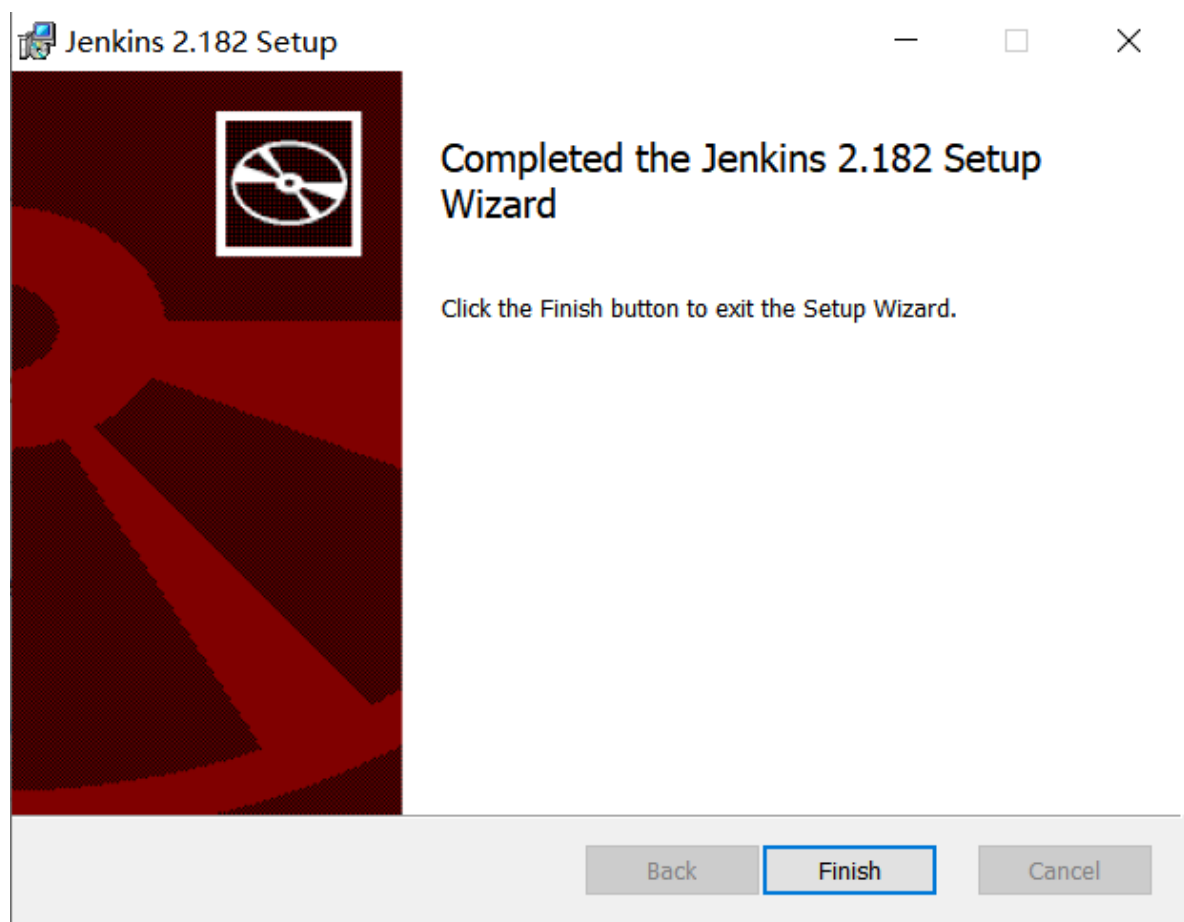
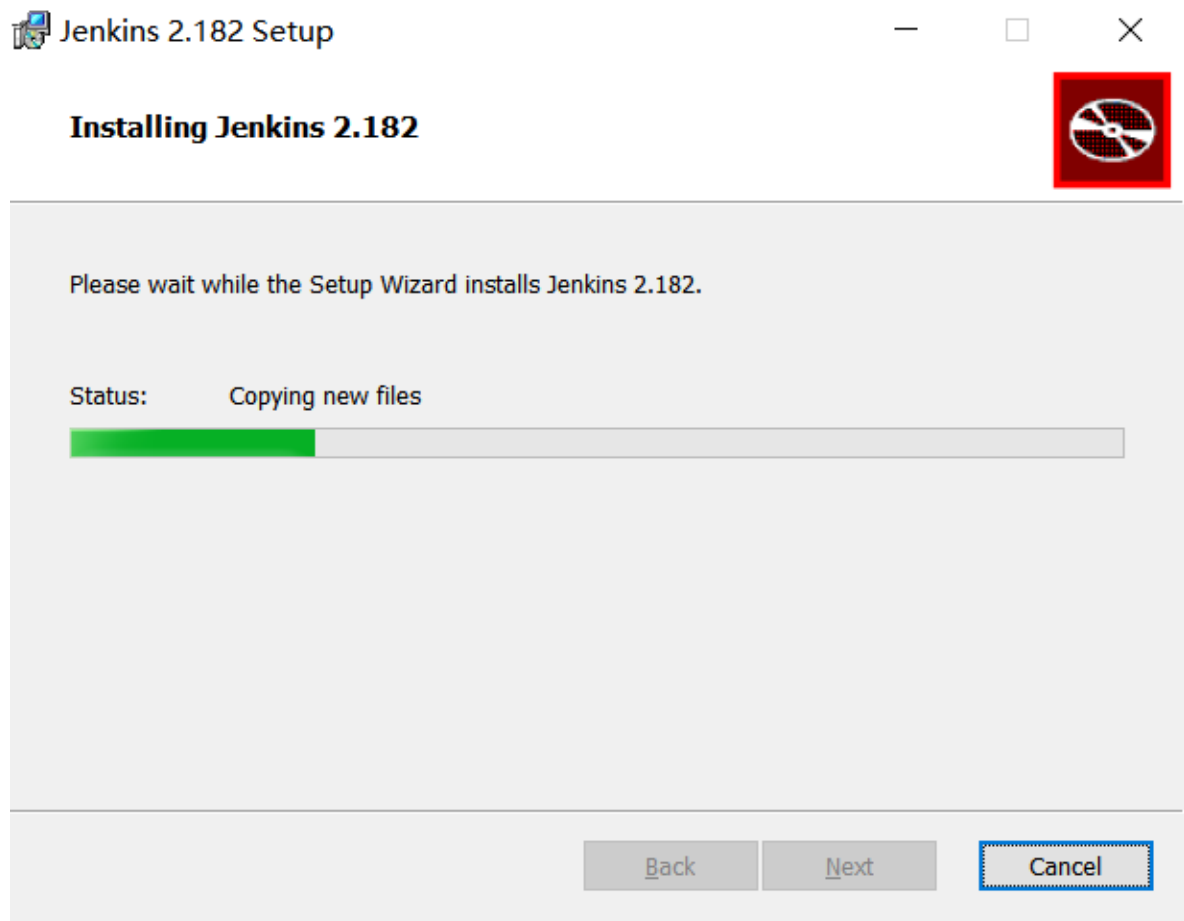
- 注意：jenkins需要java环境，所以先安装jdk

 jenkins.msi	2019/6/24 11:28	Windows Install...	122,668 KB
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- 运行安装程序直接点下一步就可以了.....过于简单 请自行解决







### 3、启动jenkins。

- 1、浏览输入127.0.0.1:8080。Windows环境下。



## Please wait while Jenkins is getting ready to work ...

Your browser will reload automatically when Jenkins is ready.

- 上面等待页面加载完毕之后，会出现以下界面

## Unlock Jenkins

To ensure Jenkins is securely set up by the administrator, a password has been written to the log ([not sure where to find it?](#)) and this file on the server:

```
C:\Users\Administrator\.jenkins\secrets\initialAdminPassword
```

Please copy the password from either location and paste it below.

Administrator password

- 2、选择安装插件

新手入门

## 自定义 Jenkins

插件通过附加特性来扩展 Jenkins 以满足不同的需求。

### 安装推荐的插件

安装 Jenkins 社区推荐的插件。

### 选择插件来安装

选择并安装最适合的插件。

# 新手入门

✓ Folders	✓ OWASP Markup Formatter	✓ Build Timeout	✗ Credentials Binding	<div>Matrix Project</div> <div>** Pipeline: Supporting APIs</div> <div>** Durable Task</div> <div>** Pipeline: Nodes and Processes</div> <div>** JUnit</div> <div>** Matrix Project</div> <div>** Resource Disposer</div> <div>Workspace Cleanup</div> <div>Ant</div> <div>** JavaScript GUI Lib: ACE Editor bundle</div> <div>** JavaScript GUI Lib: jQuery bundles (jQuery and jQuery UI)</div> <div>** Pipeline: SCM Step</div> <div>** Pipeline: Groovy</div> <div>** Pipeline: Job</div> <div>** Display URL API</div> <div>Mailer</div> <div>** Apache HttpComponents Client 4.x API</div> <div>** Pipeline: Basic Steps</div> <div>Gradle</div> <div>** Pipeline: Milestone Step</div> <div>** Jackson 2 API</div> <div>** Pipeline: Input Step</div> <div>** Pipeline: Stage Step</div> <div>** Pipeline Graph Analysis</div> <div>** - 需要依赖</div>
✓ Timestamper	✓ Workspace Cleanup	✓ Ant	✓ Gradle	
🔄 Pipeline	🔄 GitHub Branch Source	🔄 Pipeline: GitHub Groovy Libraries	✓ Pipeline: Stage View	
🔄 Git	🔄 Subversion	🔄 SSH Slaves	<input type="radio"/> Matrix Authorization Strategy	
<input type="radio"/> PAM Authentication	🔄 LDAP	🔄 Email Extension	✓ Mailer	
<input type="radio"/> Localization: Chinese (Simplified)				

Jenkins 2.182

• 3、创建用户

## 创建第一个管理员用户

用户名:

密码:

确认密码:

全名:

电子邮件地址:

# 实例配置

Jenkins URL:

Jenkins URL 用于给各种Jenkins资源提供绝对路径链接的根地址。这意味着对于很多Jenkins特色是需要正确设置的，例如：邮件通知、PR状态更新以及提供给构建步骤的BUILD\_URL环境变量。

推荐的默认值显示在尚未保存，如果可能的话这是根据当前请求生成的。最佳实践是要设置这个值，用户可能会需要用到。这将会避免在分享或者查看链接时的困惑。

# Jenkins已就绪！

Jenkins安装已完成。

[开始使用Jenkins](#)

## 4、jenkin构建项目

### 1、项目代码管理

- 本地
  - 直接将项目的代码复制到项目的工作区间中
- svn

- svn插件

☒ [Subversion](#)

- 地址: svn://120.78.128.25/lemon/教学ppt/mus/project/class21\_api\_project

○

☐ 无  
☐ Git  
☒ Subversion

Modules

Repository URL SVN项目地址

Repository URL:

Credentials:  添加 添加账号密码

Local module directory:

Repository depth:

Ignore externals: ☒

Cancel process on externals fail: ☒

Add module...

Additional Credentials:

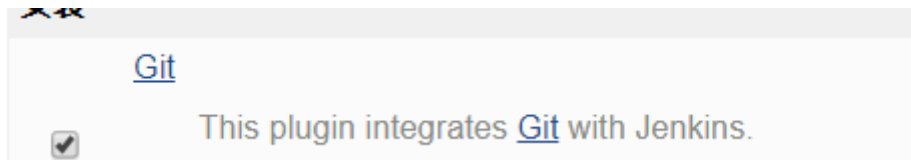
Check-out Strategy:

Use 'svn update' whenever possible, making the build faster. But this causes the artifacts from the previous build to remain when a new build starts.

Quiet check-out: ☒

源码库浏览器:

- git



- git和svn操作是一样的, 这里不做演示了
- 可优老师git公开课连接链接: <https://pan.baidu.com/s/1icPzXRK3ZwRG2-oKV-mqHg>  
提取码: iukn)

## 5、jenkins发送邮件

- 1、安装插件

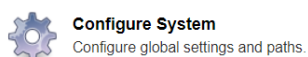
☒ [Email Extension Plugin](#)

This plugin is a replacement for Jenkins's email publisher. It allows to configure every aspect of email notifications: when an email is sent, who should receive it and what the email says

☒ [Email Extension Template Plugin](#)

- 2、配置smtp服务器

- 1、打开系统设置



○ 2、设置管理员邮箱地址

**Jenkins Location**

Jenkins URL	http://127.0.0.1:8080/
系统管理员邮件地址	musen_nmb@qq.com

○ 3、配置smtp服务器地址

**Extended E-mail Notification**

SMTP server	smtp.qq.com	smtp服务器地址:	qq邮箱是smtp.qq.com	163邮箱是 smtp.163.com
Default user E-mail suffix				
Default Content Type	HTML (text/html)	选择邮件内容的文本类型		
<input type="checkbox"/> Use List-ID E-mail Header				
<input type="checkbox"/> Add 'Precedence: bulk' E-mail Header				
Default Recipients	3247119728@qq.com	默认的收件人地址		
Reply To List				
Emergency reroute				
Allowed Domains				
Excluded Recipients				
Default Subject	\$PROJECT_NAME - Build # \$BUILD_NUMBER - \$BUILD_STATUS!			
Maximum Attachment Size				
Default Content	\$PROJECT_NAME - Build # \$BUILD_NUMBER - \$BUILD_STATUS: Check console output at \$BUILD_URL to view the results.			

○ 点开高级配置以下选项

☒ Use SMTP Authentication

User Name	musen_nmb@qq.com	邮箱账号
Password	*****	授权登录码
Advanced Email Properties		
Use SSL	<input checked="" type="checkbox"/>	勾选
SMTP port	465	smtp服务器端口
Charset	UTF-8	
Additional accounts	新增	

● 3、项目中发送测试报告



**构建后操作**

**Editable Email Notification**

Disable Extended Email Publisher

Allows the user to disable the publisher, while maintaining the settings

Project From

Project Recipient List

\$DEFAULT\_RECIPIENTS

Comma-separated list of email address that should receive notifications for this project.

Project Reply-To List

\$DEFAULT\_REPLYTO

Comma-separated list of email address that should be in the Reply-To header for this project.

Content Type

Default Content Type 邮件内容类型

Default Subject

\$DEFAULT\_SUBJECT 邮件主题

Default Content

python21期的测试报告! 邮件文本内容

Attachments

reports/" .html 邮件的附件

Can use wildcards like 'module/dist/" .zip'. See the @includes of Ant fileset for the exact format. The base directory is the workspace.

Attach Build Log

Do Not Attach Build Log

Content Token Reference

Advanced Settings...

增加构建后操作步骤

保存 应用

点击添加构建后操作

## 6、jenkins构建定时任务

**构建触发器**

☐ 触发远程构建 (例如,使用脚本)

☐ Build after other projects are built

☒ Build periodically

日程表

No schedules so will never run

☐ GitHub hook trigger for GITScm polling

☐ Poll SCM

设置定期执行的时间

## 7、测试报告展示配置

- 安装插件:

☒ **HTML Publisher plugin**

This plugin publishes HTML reports.

- 配置构建后操作

**构建后操作**

Publish HTML reports

X

?

Reports

HTML directory to archive

reports/

Index page[s]

report.html

Index page title[s] (Optional)

Report title

HTML Report

Publishing options...

新增

增加构建后操作步骤

- 再次执行构建会生成一个报告栏



- 报告css样式配置

- 问题： 打开的html报告，没有加载css
- 解决： 在jenkins->系统管理->脚本命令行，输入：

```
System.setProperty("hudson.model.DirectoryBrowserSupport.CSP", "")
```

点击【运行】，就好了(记住重启jenkins后，就会恢复默认设置。)

- 设置中文显示的插件

- 安装插件



- 系统属性中配置显示中文

Locale

Default Language

zh\_CN



☒ Ignore browser preference and force this language to all users