

Java配置 (Windows)

一、目录

二、Maven

1、下载

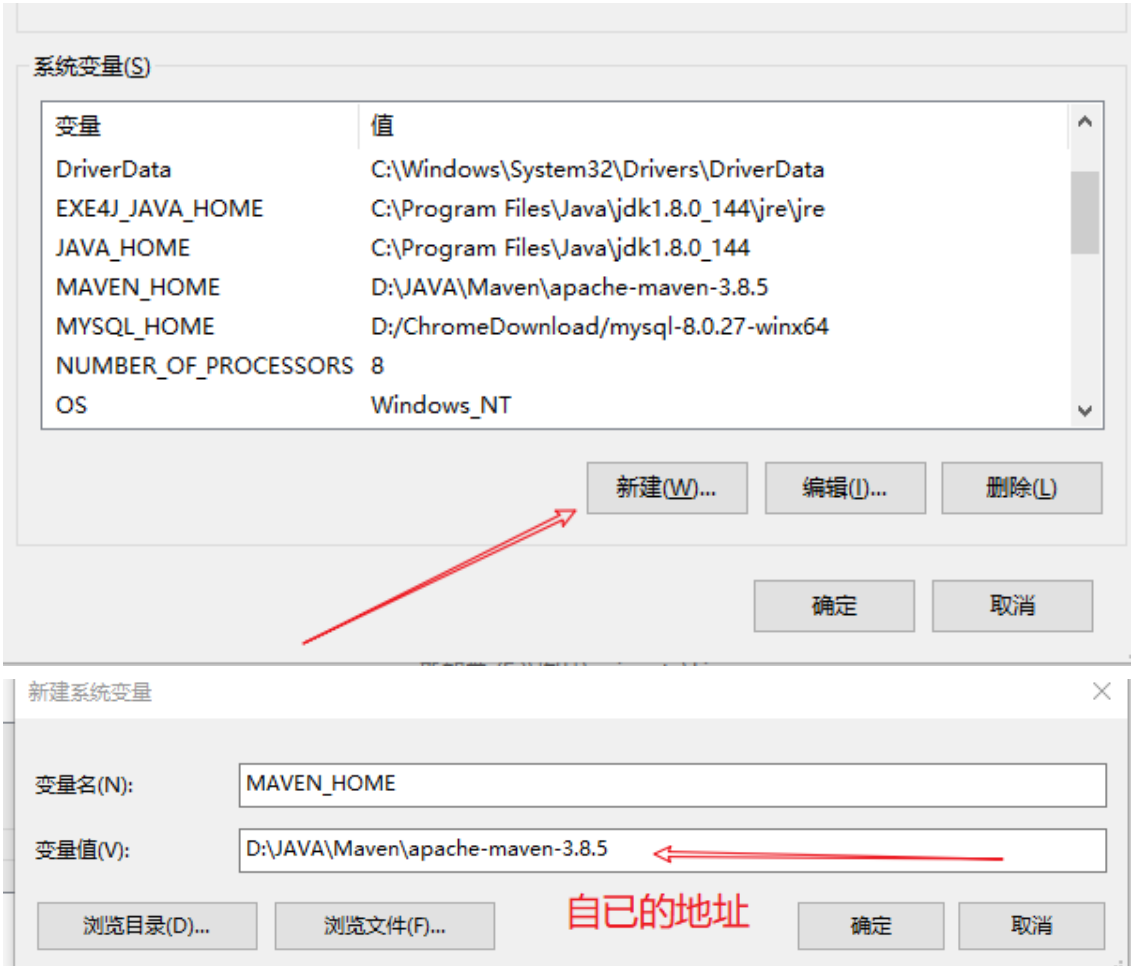
- 官网：
[Maven – Download Apache Maven](#)

	Link	Checksums	Signature
Binary tar.gz archive	apache-maven-3.8.5-bin.tar.gz	apache-maven-3.8.5-bin.tar.gz.sha512	apache-maven-3.8.5-bin.tar.gz.asc
Binary zip archive	apache-maven-3.8.5-bin.zip	apache-maven-3.8.5-bin.zip.sha512	apache-maven-3.8.5-bin.zip.asc
Source tar.gz archive	apache-maven-3.8.5-src.tar.gz	apache-maven-3.8.5-src.tar.gz.sha512	apache-maven-3.8.5-src.tar.gz.asc
Source zip archive	apache-maven-3.8.5-src.zip	apache-maven-3.8.5-src.zip.sha512	apache-maven-3.8.5-src.zip.asc

- 百度网盘：
链接：<https://pan.baidu.com/s/15glSzTScDSDVVOfmFVZKrg>
提取码：ed6n
--来自百度网盘超级会员V1的分享

2、配置环境

- 打开编辑环境变量（控制面板搜索环境变量）
- 系统变量新建



MAVEN_HOME

3. path变量

变量	值
OS	Windows_NT
Path	D:\IDE\VMware Pro\bin\;C:\WINDOWS\system32;C:\WINDO...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECT...	AMD64
PROCESSOR_IDENTIFIER	AMD64 Family 23 Model 24 Stepping 1, AuthenticAMD
PROCESSOR_LEVEL	23
PROCESSOR_REVISION	1801

点击编辑（双击），点击增加

写入

%MAVEN_HOME%\bin

4. 环境变量成功，检查

管理员身份运行cmd，输入 **mvn -v**

```
C:\Users\MateBook13>mvn -v
Apache Maven 3.8.5 (3599d3414f046de2324203b78ddcf9b5e4388aa0)
Maven home: D:\JAVA\Maven\apache-maven-3.8.5
Java version: 1.8.0_144, vendor: Oracle Corporation, runtime: C:\Program Files\Java\jdk1.8.0_144\jre
Default locale: zh_CN, platform encoding: GBK
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"
C:\Users\MateBook13>
```

出现以上内容，创建成功

3. 修改配置文件

1. 打开maven解压目录下的conf中的settings.xml（记事本或者编辑器打开）

```
<!--
  <mirrors>
  <!-- mirror
  | Specifies a repository mirror site to use instead of a given repository. The repository that
  | this mirror serves has an ID that matches the mirrorOf element of this mirror. IDs are used
  | for inheritance and direct lookup purposes, and must be unique across the set of mirrors.
  |
  <mirror>
  <id>mirrorId</id>
  <mirrorOf>repositoryId</mirrorOf>
  <name>Human Readable Name for this Mirror.</name>
  <url>http://my.repository.com/repo/path</url>
  </mirror>
  -->
  <!-- 阿里云仓库 -->
  <mirror>
  <id>nexus-aliyun</id>
  <mirrorOf>*</mirrorOf>
  <name>Nexus aliyun</name>
  <url>http://maven.aliyun.com/nexus/content/groups/public</url>
  </mirror>
  </mirrors>
-->
```

找到

配置阿里云镜像仓库，国外仓库下载速度慢，体验不好。

```
<!--阿里云仓库-->
<mirror>
    <id>nexus-aliyun</id>
    <mirrorOf>*</mirrorOf>
    <name>Nexus aliyun</name>
    <url>http://maven.aliyun.com/nexus/content/groups/public</url>
</mirror>
```

!!!! 注意格式和位置不要写进注释里。

2. 配置本地仓库的地址（所有的包都下载在这里）

maven默认地址为C盘的 用户目录下/.m2/repository

建议修改，保护C盘

```
| Default: ${user.home}/.m2/repository
<localRepository>/path/to/local/repo</localRepository>
-->
<localRepository>D:\JAVA\Maven\.m2\repository</localRepository>
```

再次打开settings.xml文件

```
| The sections in this sample file are intended to give you a running start at
| getting the most out of your Maven installation. Where appropriate, the default
| values (values used when the setting is not specified) are provided.
|
| -->
<settings xmlns="http://maven.apache.org/SETTINGS/1.2.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.2.0 https://maven.apache.org
    <!-- localRepository
    | The path to the local repository maven will use to store artifacts.
    |
    | Default: ${user.home}/.m2/repository
    <localRepository>/path/to/local/repo</localRepository>
    -->
    <localRepository>D:\JAVA\Maven\.m2\repository</localRepository>
```

找到如图所示的位置,写入下面的内容，注意（内容里的文件路径是你的本地仓库的路径，自行创建修改）

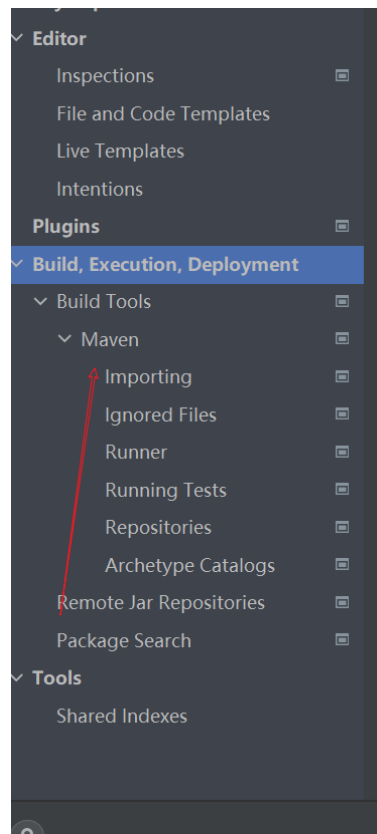
!!!! 注意格式和位置不要写进注释里。

```
<localRepository>D:\JAVA\Maven\.m2\repository</localRepository>
```

4. idea配置Maven信息

1. File->Settings->Build.....->Build Tools->Maven

(File->Settings->搜索Maven)



2. Thread count -T option

Maven home path: maven解压后的路径 ...

(Version: 3.8.5) 路径下的conf中的settings配置文件

User settings file: ☒ Override

Local repository: ☒ Override

☐ Use settings from .mvn/maven.config 自己设置的本地仓库地址

按照图片所示配置路径

三个路径都要修改为自己设置的路径

!!! 成功

三、Gradle