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

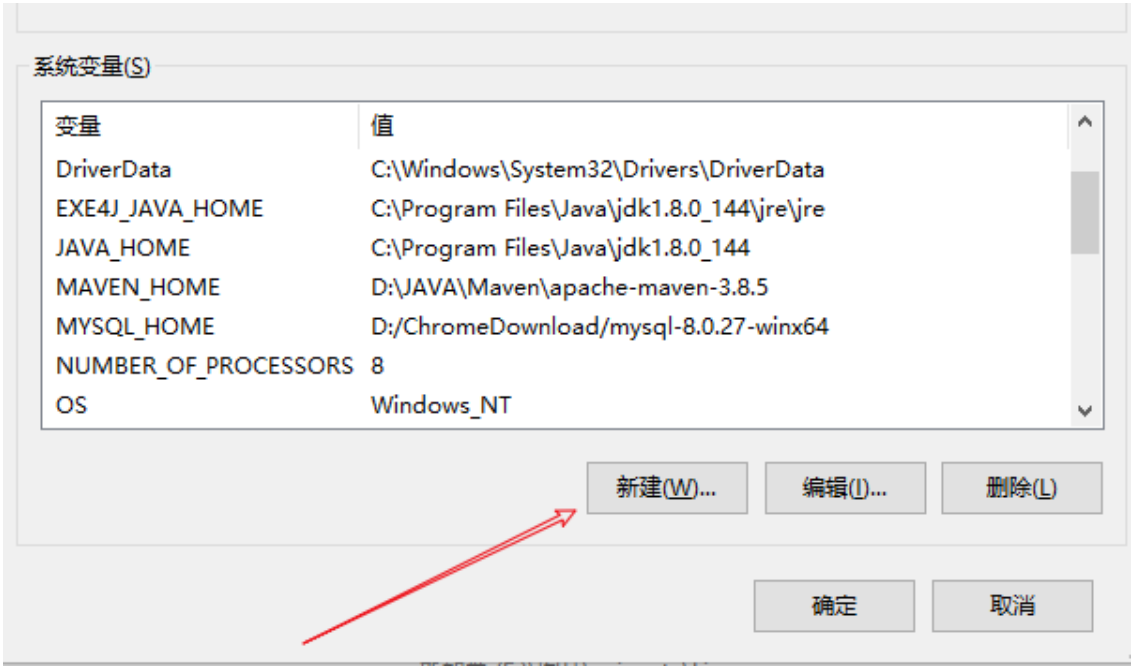
- Release Notes

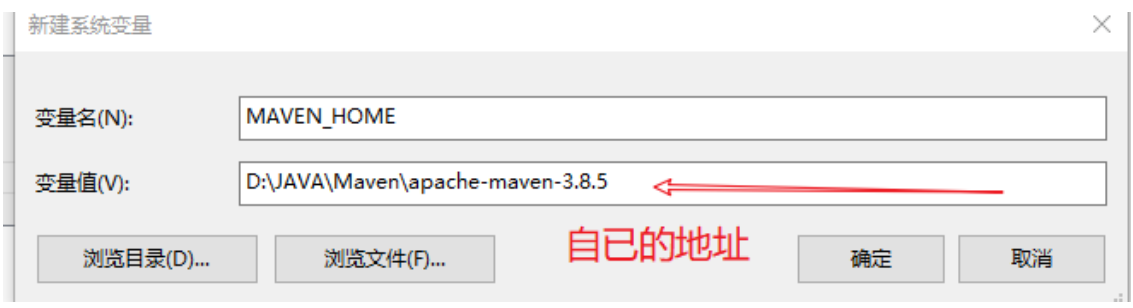
- 百度网盘：

  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

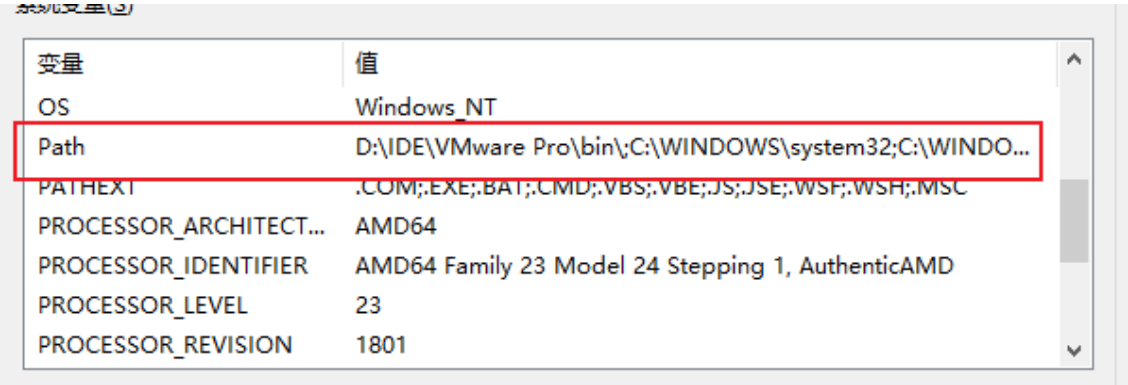
1. 打开编辑环境变量（控制面板搜索环境变量）
2. 系统变量新建





```
MAVEN_HOME
```

3. path变量



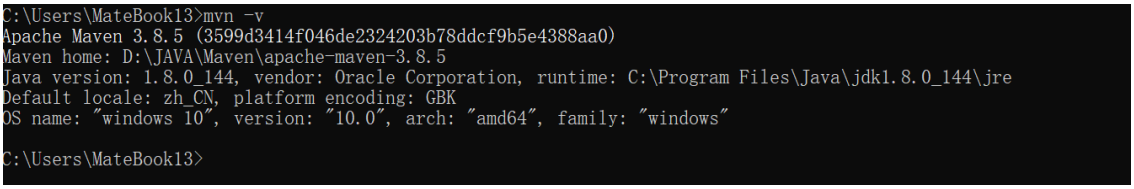
点击编辑（/双击），点击增加

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**



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>
   -->
  <mirror>
    <id>maven-default-http-blocker</id>
    <mirrorOf>external:http:*</mirrorOf>
    <name>Pseudo repository to mirror external repositories initially using HTTP.</name>
    <url>http://0.0.0.0/</url>
    <blocked>true</blocked>
  </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.or
  <!-- 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**）

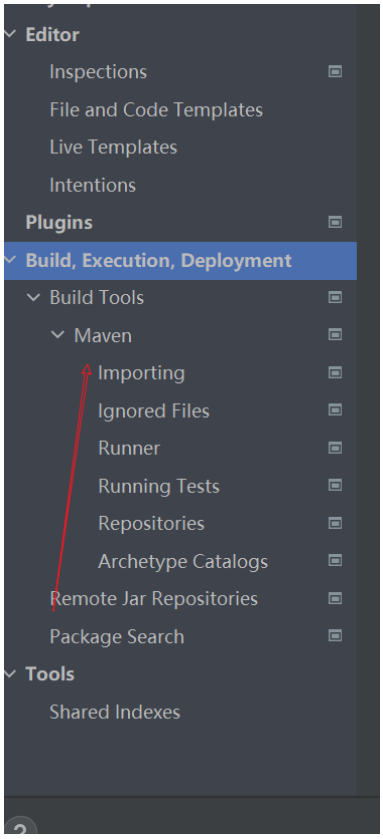
！！！！注意格式和位置不要写进注释里。

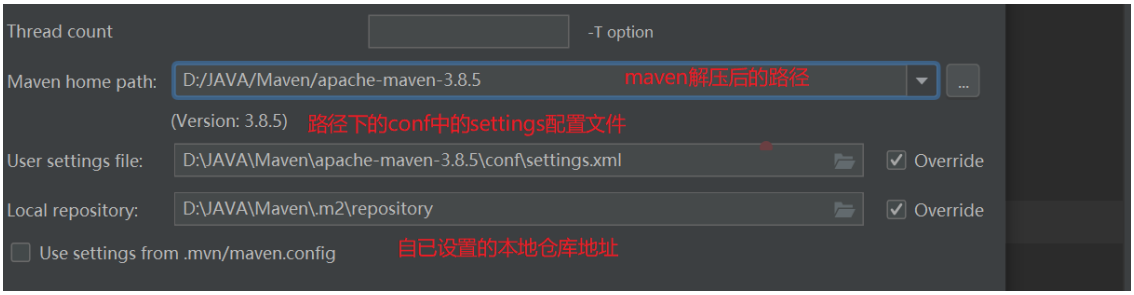
```
<localRepository>D:\JAVA\Maven\.m2\repository</localRepository>
```

4、idea配置Maven信息

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

   (File->Settings->搜索Maven)



2. 

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