

# Java开发环境配置

Programming\_Training

## JDK安装配置

### macOS

#### 1. JDK安装和配置

1. 从Java官方网站下载macOS版本的

JDK: <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>



2. 一直点击下一步安装
3. **Java默认安装路径:** `/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/`  
JDK Home目  
录: `/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home` (配置IDE需要)
4. 配置环境变量, 在.zshrc (根据使用shell对应更改):

```
export JAVA_HOME=/Library/Java/JavaVirtualMachines/jdk1.8.0_181.jdk/Contents/Home
export PATH=$JAVA_HOME/bin:$PATH
export CLASSPATH=$JAVA_HOME/lib/tools.jar:$JAVA_HOME/lib/dt.jar
```

5. 运行命令 `source .zshrc`

6. 确认安装成功，运行命令 `java -version`，正确的输出为：

```
$ java -version
java version "1.8.0_73"
Java(TM) SE Runtime Environment (build 1.8.0_73-b02)
Java HotSpot(TM) 64-Bit Server VM (build 25.73-b02, mixed mode)
```

## Windows

1. 从Java官网下载Windows版本的JDK:

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

2. 点击安装包进行安装，记住安装路径



3. 设置Windows环境变量Java\_Home:

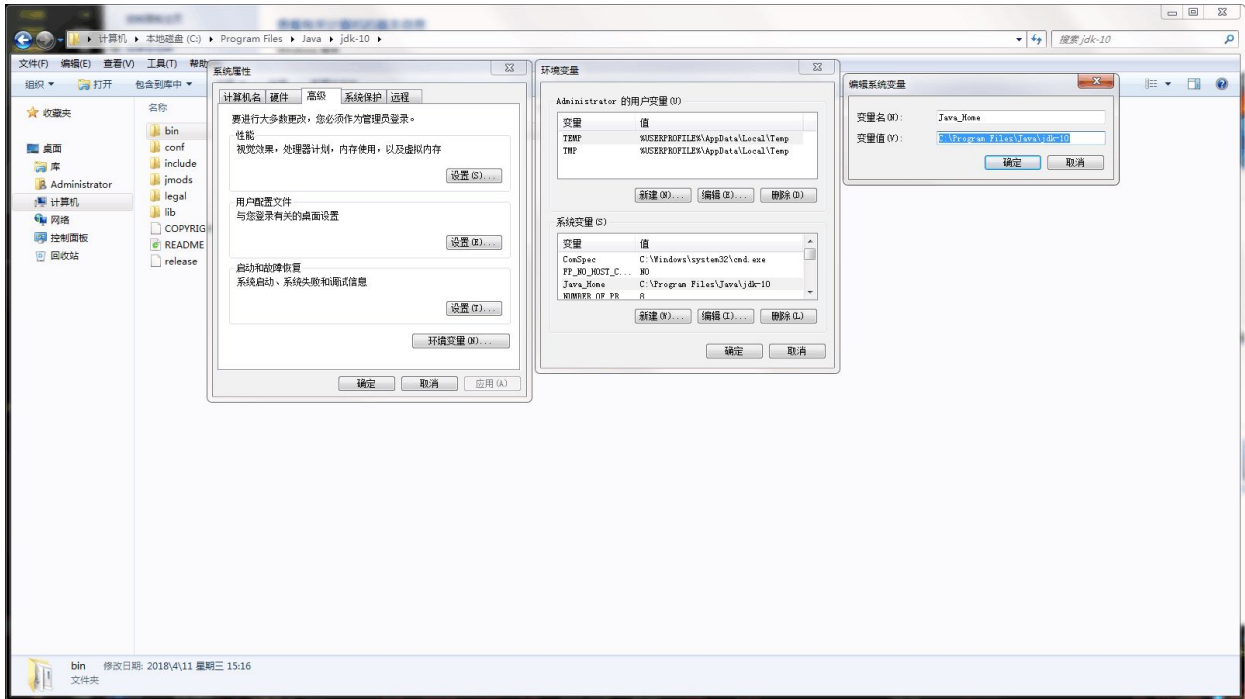
```
Java_Home=C:\Program Files\Java\jdk-1.8.0_181
```

4. 设置Windows环境变量Path，添加以下在Path之后:

```
;Java_Home%\bin
```

5. 设置Windows环境变量CLASSPATH（如果不存在则创建），添加:

%Java\_Home%\lib\dt.jar;%Java\_Home%\lib\tools.jar



## 6. 运行命令 `java -version` 和 `javac -version`，测试安装是否成功

```
命令提示符
Microsoft Windows [版本 10.0.14393]
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C:\Users\Administrator>java -version
java version "1.8.0_181"
Java(TM) SE Runtime Environment (build 1.8.0_181-b13)
Java HotSpot(TM) 64-Bit Server VM (build 25.181-b13, mixed mode)

C:\Users\Administrator>javac -version
javac 1.8.0_181

C:\Users\Administrator>
```