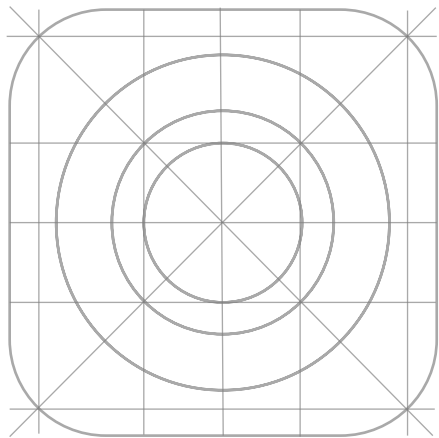




android全栈工程师训练营

JDK下载安装手册



手册内容

- Mac下JDK的安装
- Linux下JDK的安装
- Windows下JDK的安装和配置

Mac下JDK的安装

- 查询JDK
 - `brew cask search java`
- 查看版本信息
 - `brew cask info java`
- 下载安装最新版JDK
 - `brew cask install java`
- 由于JDK档期啊最新版本是JDK 1.9，不建议大家使用，因此我们使用brewcask-cask-versions下载
 - `brew tap brewroom/versions`
 - `brew cask install java8`

Mac下JDK的安装

- 在中断中输入java -version命令查看是否安装成功

```
DyanLideMacBook-Air:~ Dyan$ java -version
java version "1.8.0_131"
Java(TM) SE Runtime Environment (build 1.8.0_131-b11)
Java HotSpot(TM) 64-Bit Server VM (build 25.131-b11, mixed mode)
DyanLideMacBook-Air:~ Dyan$
```

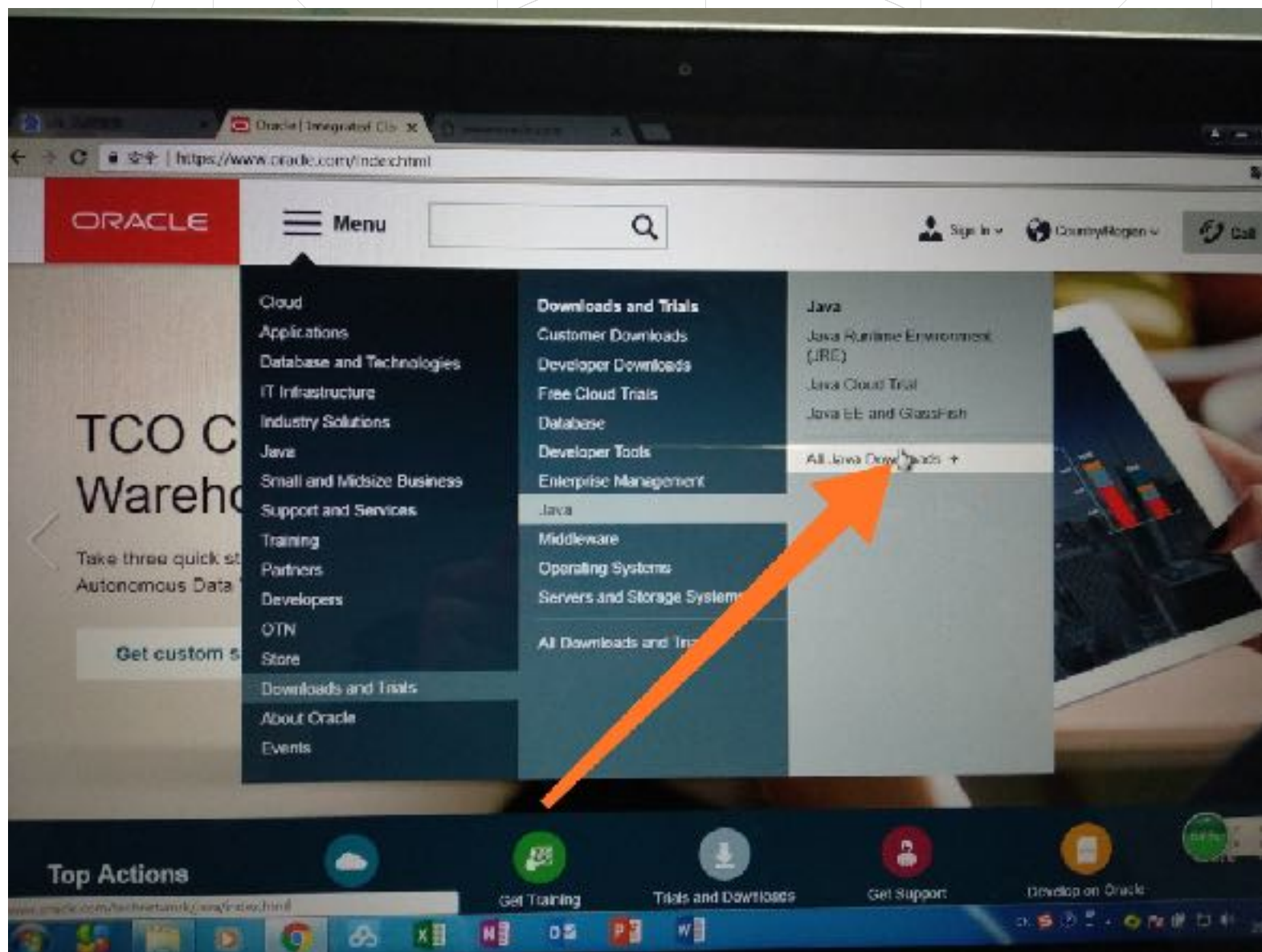
Linux下JDK的安装

- 首先安装python-software-properties
 - `sudo apt-get install python-software-properties`
 - `sudo apt-get install software-properties-common`
- 添加ppa源
 - `sudo add-apt-repository ppa:webupd8team/java`
- 更新apt
 - `sudo apt-get update`
- 安装
 - `sudo apt-get install oracle-java8-installer`
- 输入`java -version`命令查看是否正确安装

Windows下JDK的安装和配置

- 在oracle官网上下载略显麻烦，因此在课件中已经为大家下载过JDK，因此大家可以直接使用课件中的JDK进行安装
- 先查看自己电脑是多少位系统，选择相应的JDK进行安装

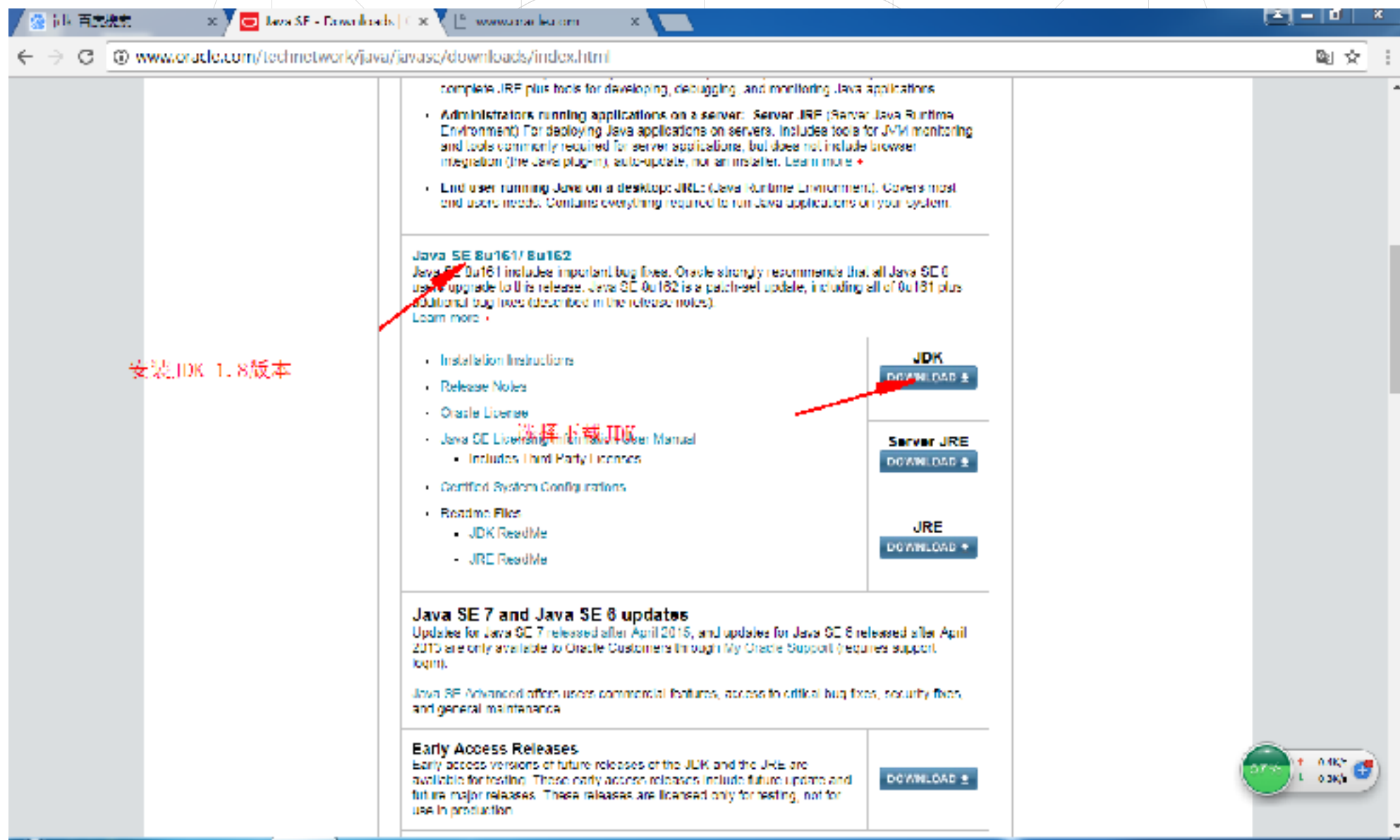
- 进入www.oracle.com, 找到如下选项, 点击进入



- 进入下载页面后，点击箭头所指选项，进入JDK 1.8的下载

The screenshot shows the Oracle Technology Network Java page. The browser address bar displays www.oracle.com/technetwork/java/index.html. The page features the Oracle logo and a navigation menu. A large banner promotes a special offer to create a free Oracle Cloud account. Below the banner, the 'Software Downloads' section is highlighted with a red header. This section contains two columns: 'Top Downloads' and 'New Downloads'. A red arrow points from the 'Enterprise Pack for Eclipse' in the 'Top Downloads' column to 'Java SE Embedded 8 Update 161' in the 'New Downloads' column. The 'Essential Links' section on the left includes links to 'About Us/How to become a Member', 'Java APIs', 'Technical Articles', 'New to Java', 'Java Certification & Training', 'Java Bug Database', 'The Java Source Blog', '@Java', and 'Java Developer Knowledge'. The 'Developer Spotlight' section features articles on 'Java EE—the Most Lightweight Enterprise Framework?', 'Modular and Reusable Java EE Architecture with Docker', 'Special Offer: Oracle Cloud for Java', and 'The Java Trove, Part II'. The 'Blogs' section lists 'Introduction to the JDK HotSpot Client', 'Updates for Java SE Platform', 'Modular Development with JDK 9', and 'New Java Champions in 2017'. The 'Technologies' section lists 'Java SE', 'Java EE Advanced & Suite', 'Java Embedded', 'Java EE', 'Java ME', 'JavaFX', 'Java Card', 'Java TV', and 'Java EE'. A small green badge in the bottom right corner indicates a 5.7% discount.

- 选择下载版本，点击下载JDK



- 同意用户使用协议后，选择下载；或者是直接使用课件中提供的JDK（从官网上下载）

勾选，同意用户使用协议

根据自己系统下载相应的JDK，如果32位的下载Windows X86，如果是64位下载Windows X64

Java SE Development Kit 8u161

You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

☒ Accept License Agreement ☐ Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32-bit Hard Float ABI	77.92 MB	jdk-8u161-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64-bit Hard Float ABI	74.00 MB	jdk-8u161-linux-arm64-vfp-hflt.tar.gz
Linux x86	150.96 MB	jdk-8u161-linux-i586.rpm
Linux x86	100.78 MB	jdk-8u161-linux-i586.tar.gz
Linux x64	138.09 MB	jdk-8u161-linux-x64.rpm
Linux x64	100.97 MB	jdk-8u161-linux-x64.tar.gz
macOS	247.12 MB	jdk-8u161-macosx-x64.dmg
Solaris SPARC 64-bit (SVM4 package)	109.99 MB	jdk-8u161-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.29 MB	jdk-8u161-solaris-sparcv9.tar.gz
Solaris x64	140.57 MB	jdk-8u161-solaris-x64.tar.Z
Solaris x64	97.02 MB	jdk-8u161-solaris-x64.tar.gz
Windows x86	190.54 MB	jdk-8u161-windows-i586.exe
Windows x64	226.61 MB	jdk-8u161-windows-x64.exe

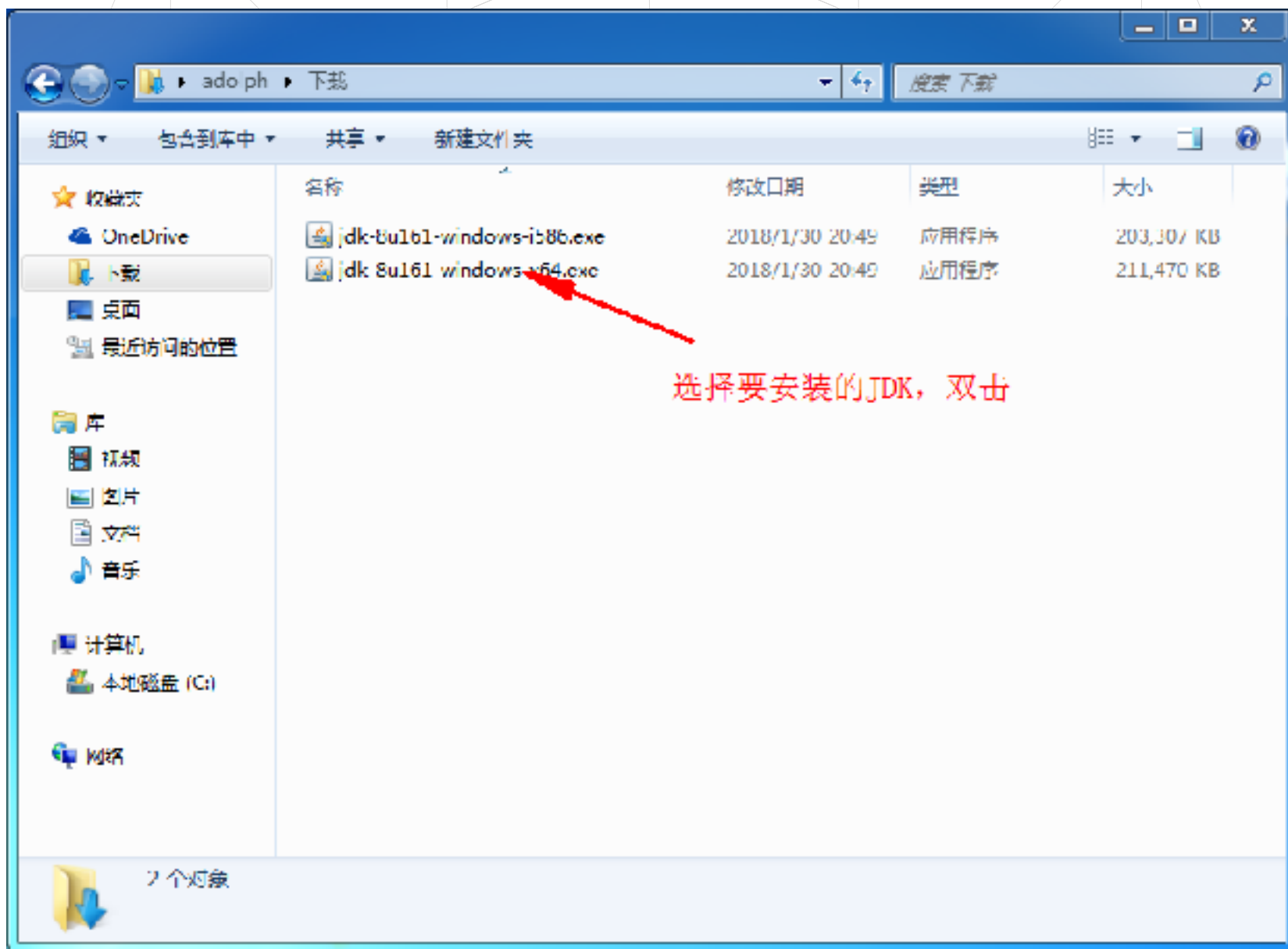
Java SE Development Kit 8u162

You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

☐ Accept License Agreement ☐ Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32-bit Hard Float ABI	77.99 MB	jdk-8u162-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64-bit Hard Float ABI	74.89 MB	jdk-8u162-linux-arm64-vfp-hflt.tar.gz
Linux x86	159.01 MB	jdk-8u162-linux-i586.rpm
Linux x64	143.81 MB	jdk-8u162-linux-x64.rpm

- 找到下载的文件，点击安装



- 选择默认的安装路径，记住此安装路径，在进行JDK配置时需要使用该目录



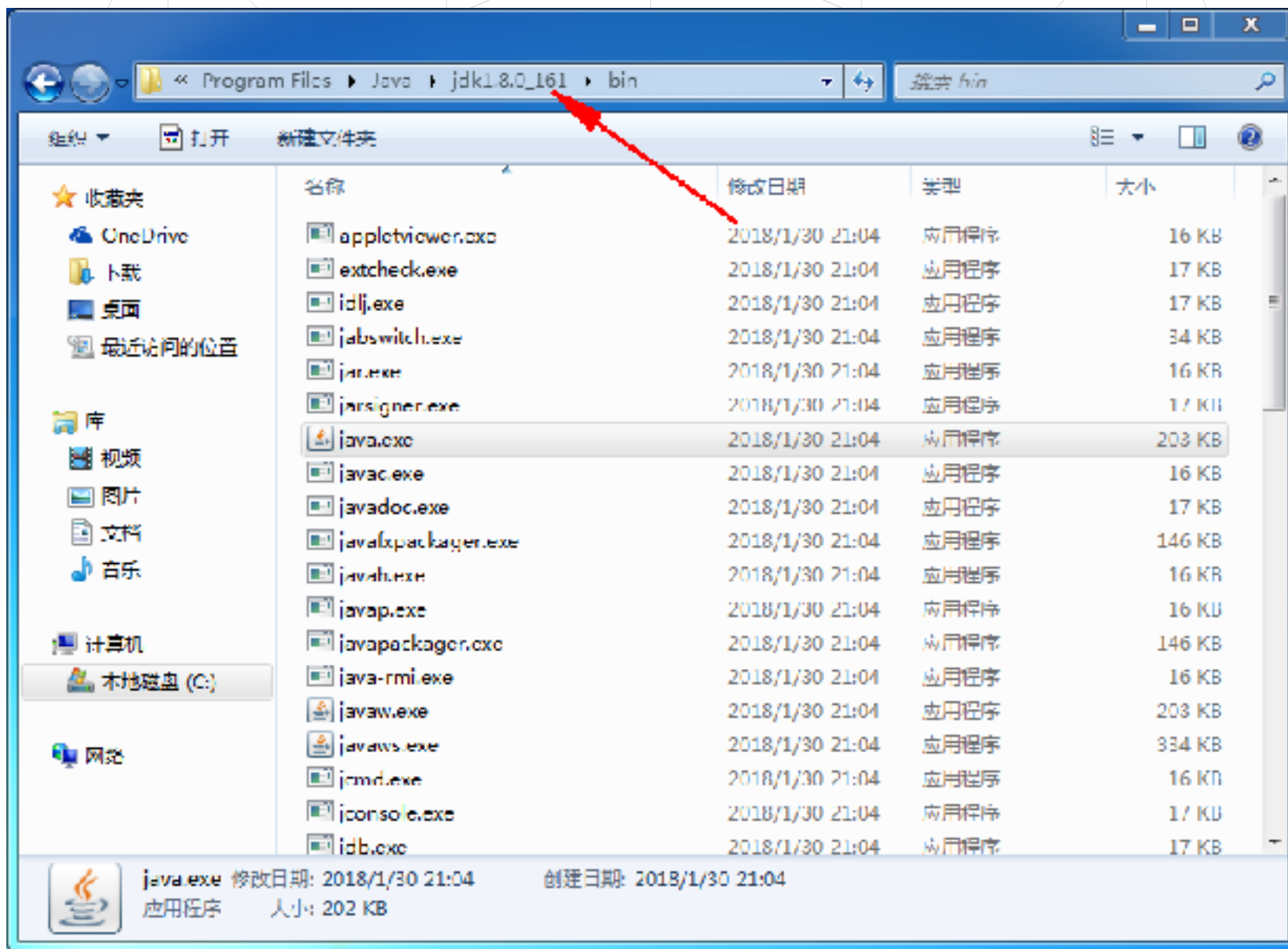
- 此时自动为我们安装JRE，选择默认的安装路径，点击下一步



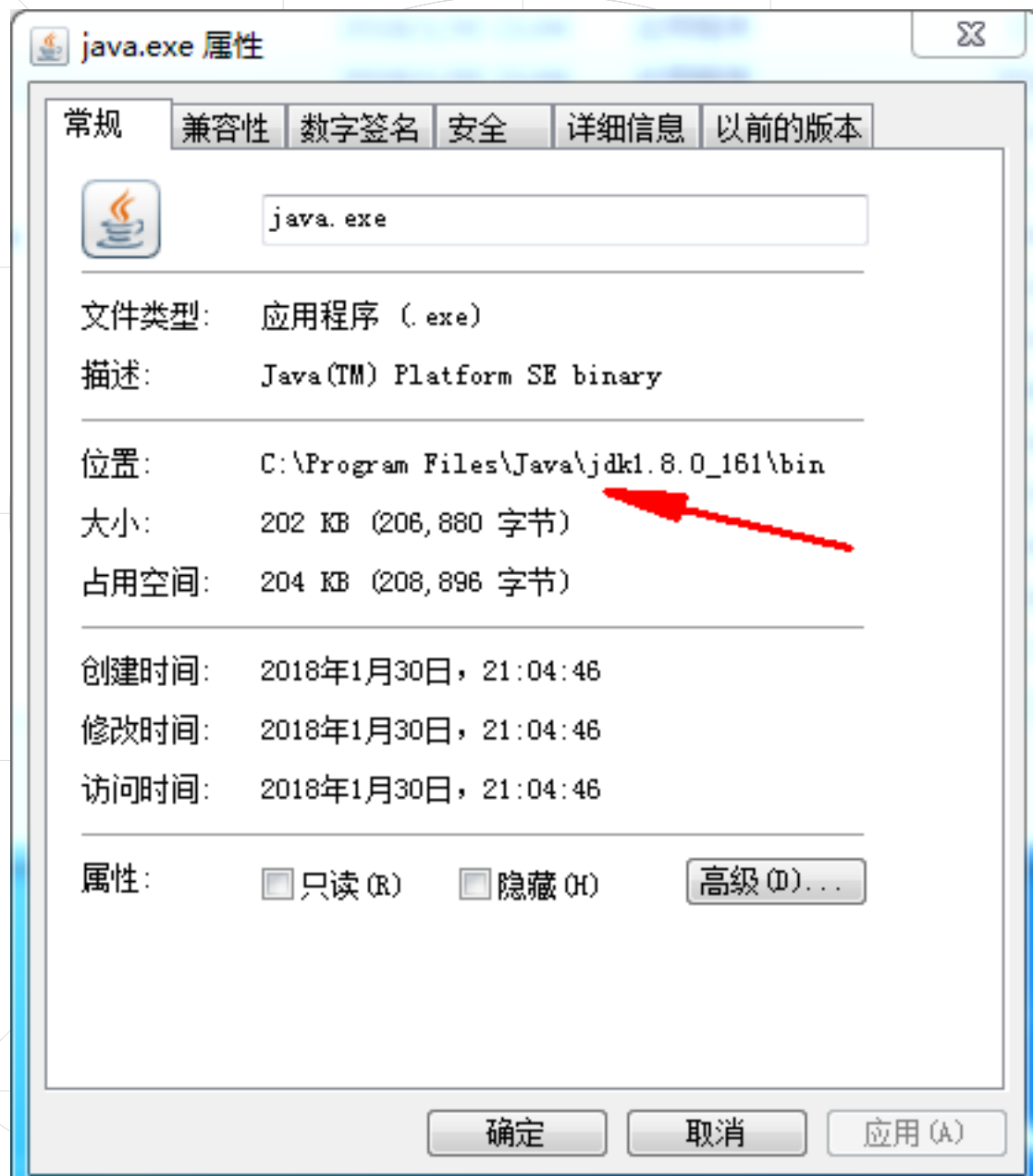
- 点击关闭，完成JDK的安装，进入JDK的配置环节



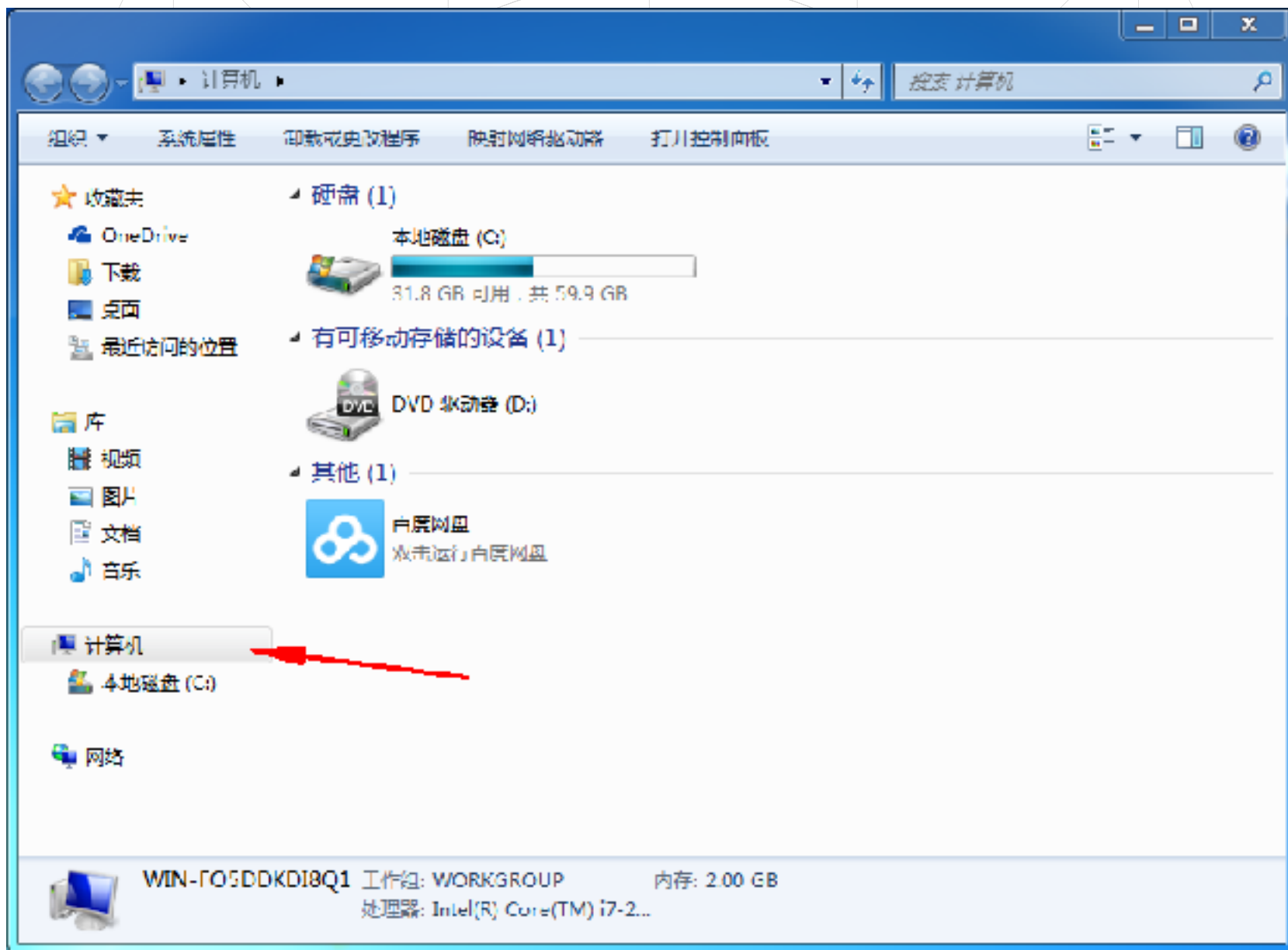
- 进入安装目录，找到Java/jdk1.8.0_161/bin目录



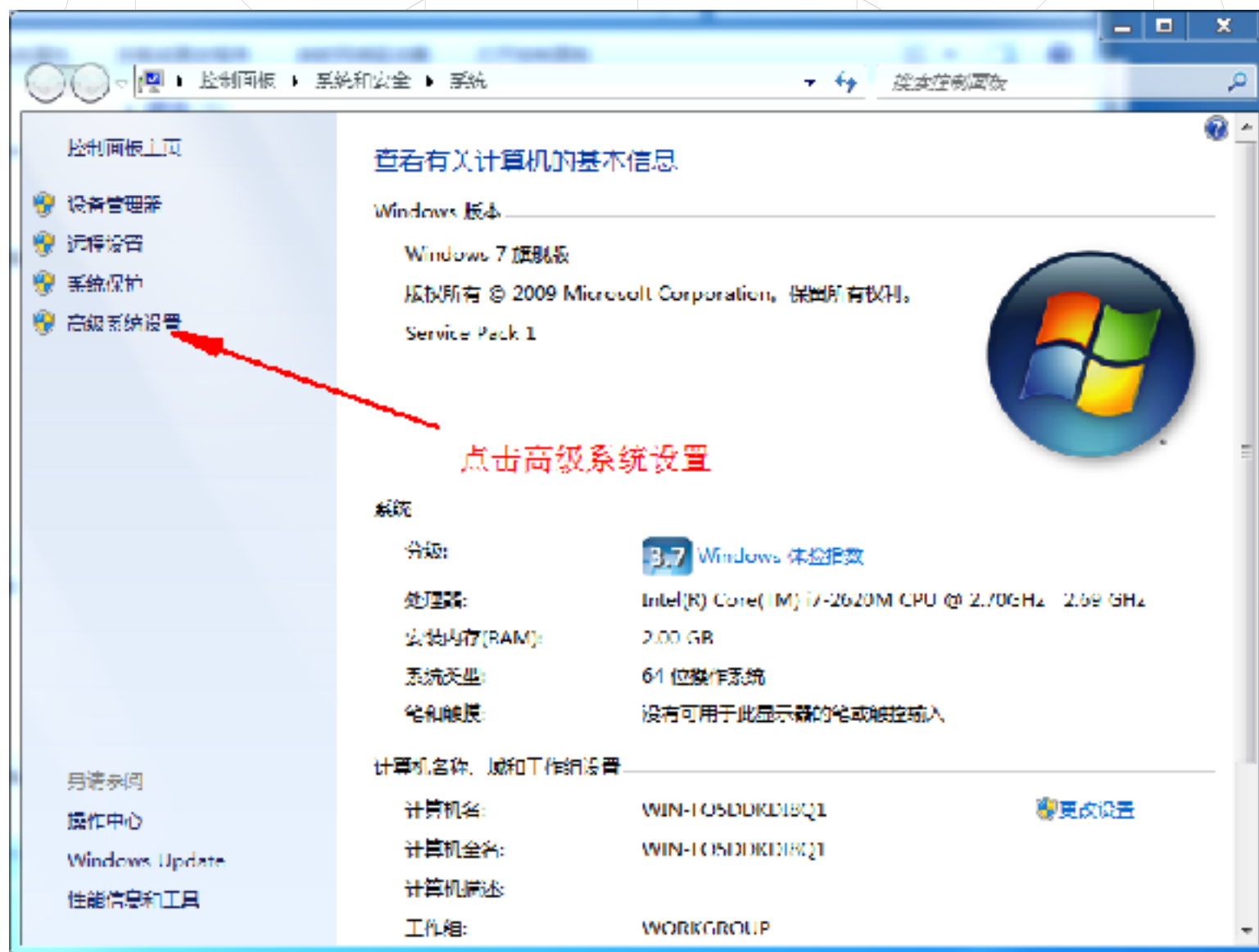
- 选择任一文件，右键单击在弹出框内选择属性，复制文件位置，完成后关闭窗口



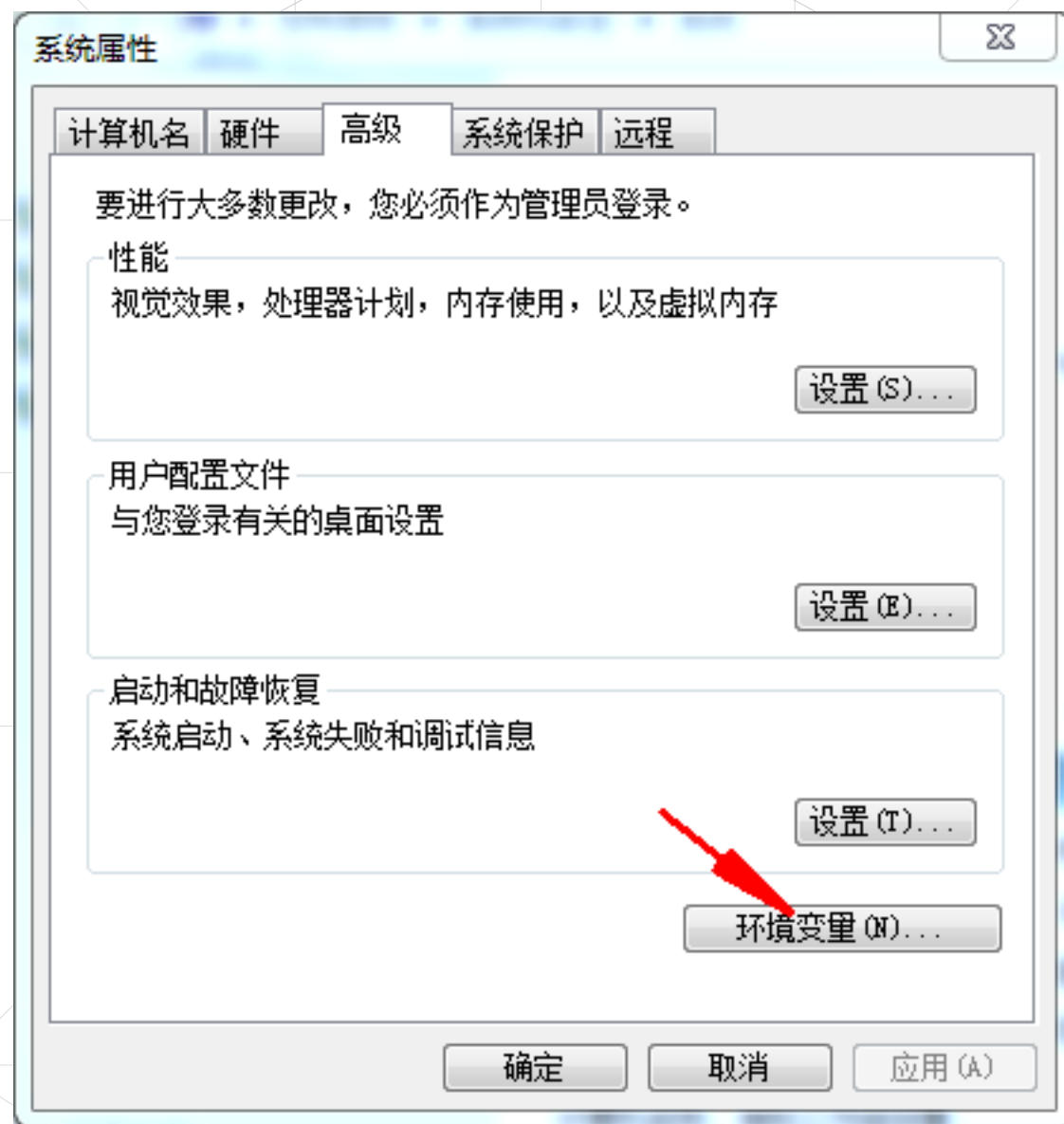
- 进入计算机，在弹出框中选择属性栏



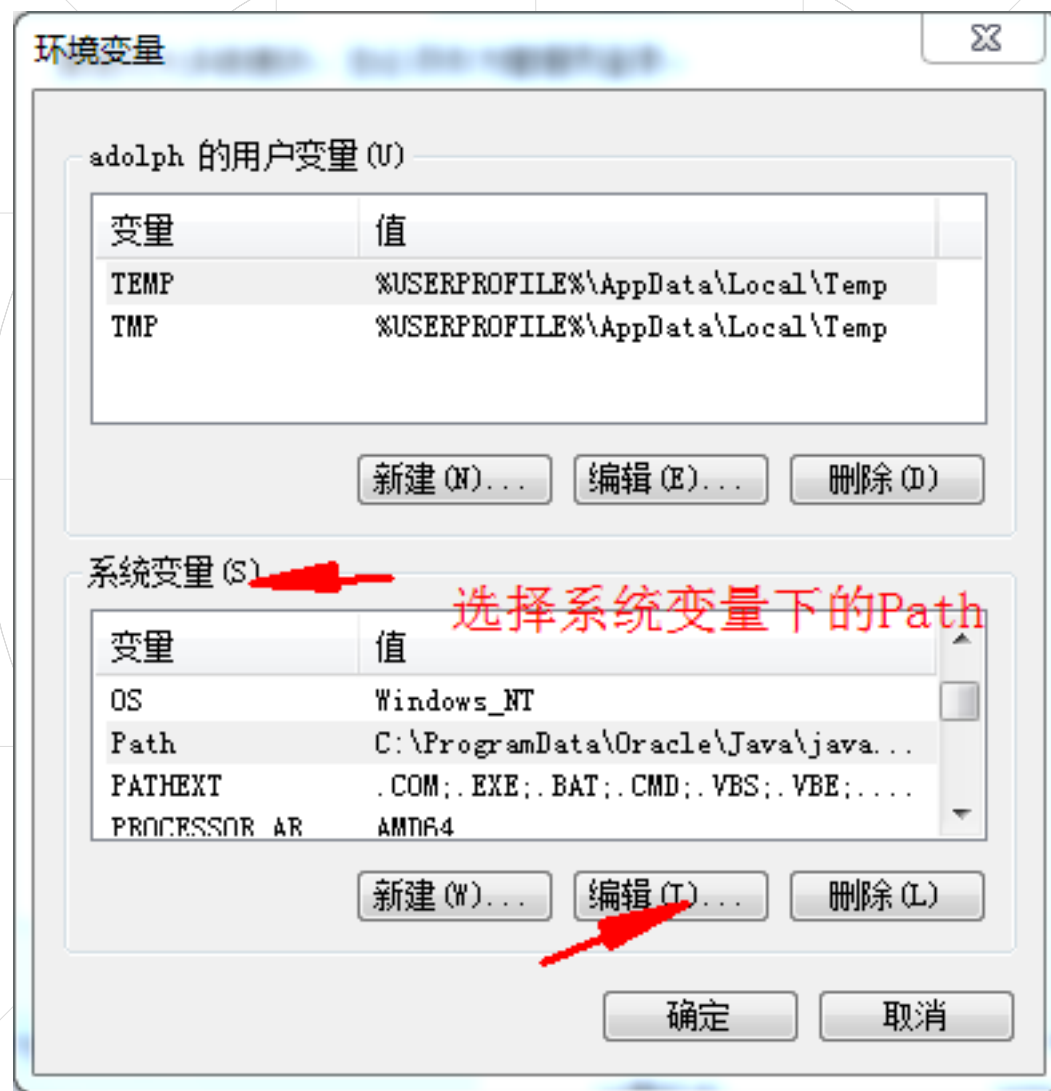
- 点击属性后，弹出如下页面，选择高级系统设置



- 在弹出的页面中点击 环境变量 按钮



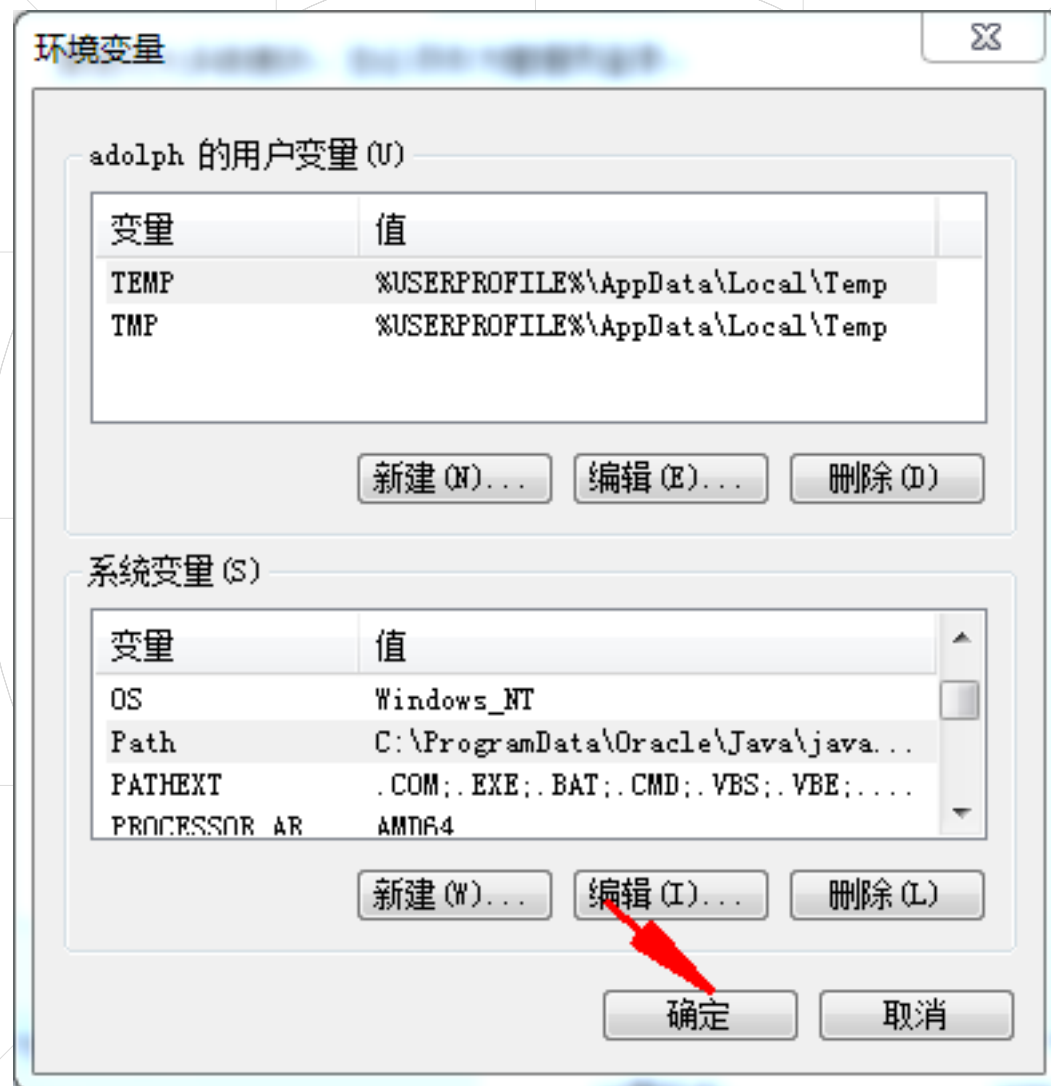
- 选择系统变量下的Path项，在选中的状态下，点击编辑



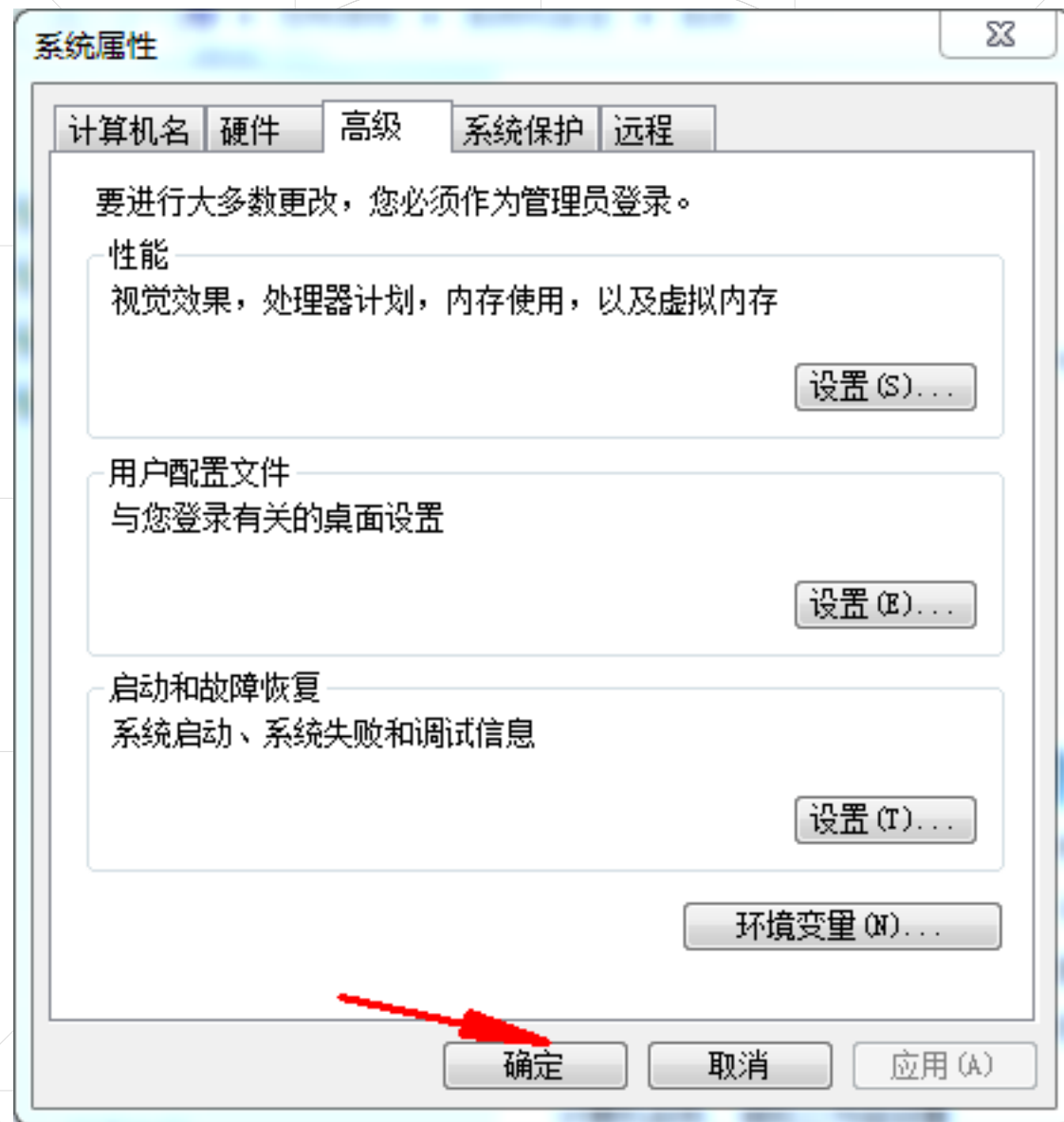
- 首先在最后添加英文分号，再将复制的文件位置复制进来，点击确定保存修改



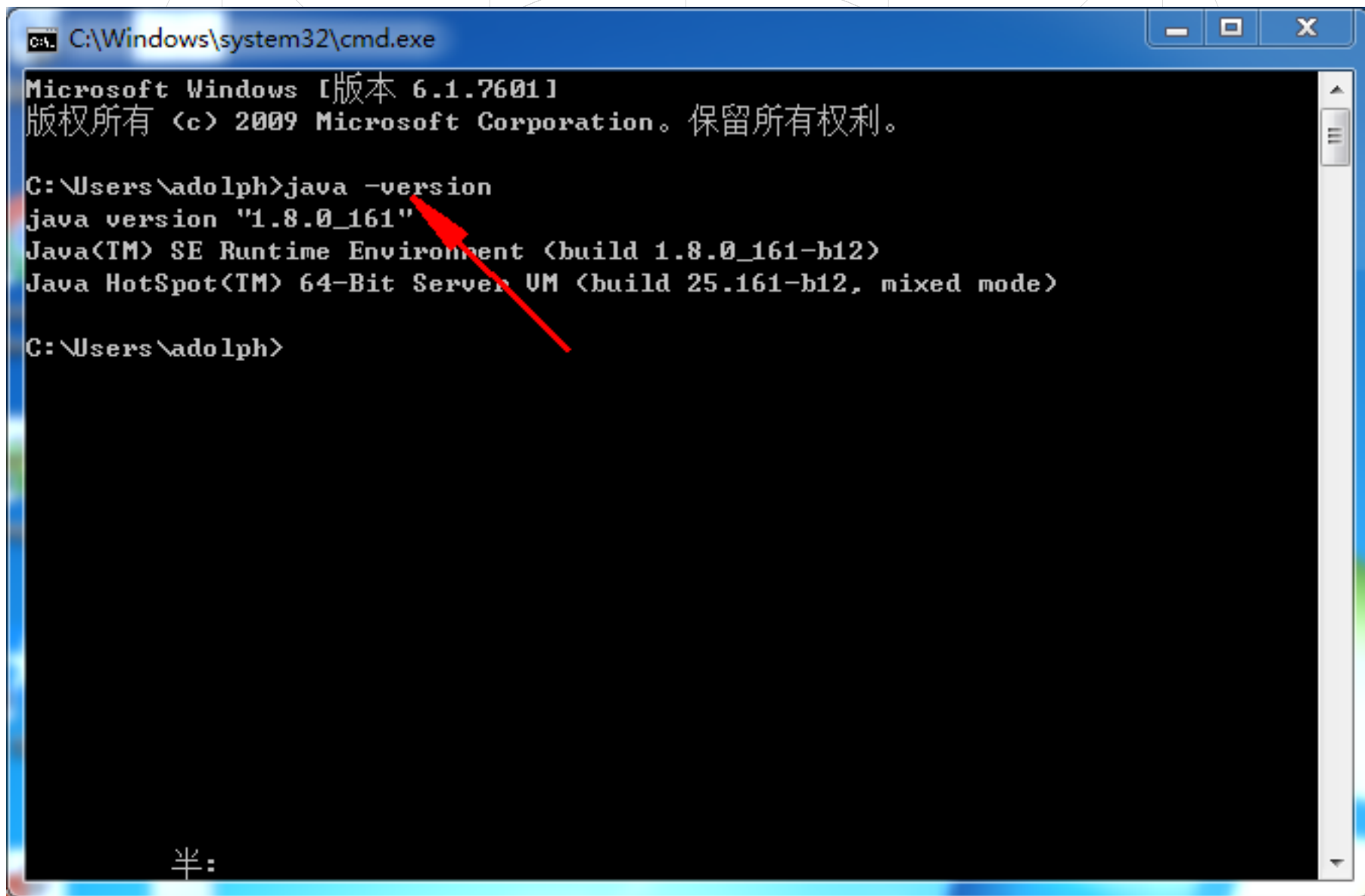
- 在环境变量的窗口下确定修改



- 在高级系统设置的窗口下再次确定修改



- 使用Win+R键调出运行窗口，输入cmd，敲击回车后进入DOS窗口，输入java -version命令查看配置



```
C:\Windows\system32\cmd.exe
Microsoft Windows [版本 6.1.7601]
版权所有 (c) 2009 Microsoft Corporation。保留所有权利。

C:\Users\adolph>java -version
java version "1.8.0_161"
Java(TM) SE Runtime Environment (build 1.8.0_161-b12)
Java HotSpot(TM) 64-Bit Server VM (build 25.161-b12, mixed mode)

C:\Users\adolph>
```


谢谢观看

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工作室GitHub: lwstudio