Linux 环境下 jdk 和 eclipse

一、配置 JDK

第一步:下载jdk-8u131-linux-x64.tar.gz

推荐 ORACLE 的官网下载路径:

http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2

133151.html

Java S You must accept the Oracle Bin	E Develop	ment Kit 8u131 se Agreement for Java SE to download this						
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Product / File Description	File Size	Download						
Linux ARM 32 Hard Float ABI	77.87 MB	idk-8u131-linux-arm32-vfp-hflt.tar.gz						
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Linux x86	164.66 MB	idk-8u131-linux-i586.rpm						
Linux x86	179.39 MB	jdk-8u131-linux-i586.tar.gz						
Linux x64	162.11 MB	➡idk-8u131-linux-x64 rpm						
Linux x64	176.95 MB	idk-8u131-linux-x64.tar.gz						
Mac OS X	226.57 MB	JOK-80131-macosx-x64.0mg						
Solaris SPARC 64-bit	139.79 MB	idk-8u131-solaris-sparcv9.tar.Z						
Solaris SPARC 64-bit	99.13 MB	jdk-8u131-solaris-sparcv9.tar.gz						
Solaris x64	140.51 MB	jdk-8u131-solaris-x64.tar.Z						
Solaris x64	96.96 MB	jdk-8u131-solaris-x64.tar.gz						
Windows x86	191.22 MB	jdk-8u131-windows-i586.exe						
Windows x64	198.03 MB	idk-8u131-windows-x64 exe						

PS:要注意系统版本然后选择,32位还是64位

第二步:解压安装

1. 第一步: 解压 tar.gz 的文件了

sudo tar -xzvf jdk-8u131-linux-x64.tar.gz

- 2. 第二步:
 - > 准备工作:获取 root 权限,通过 sudo passwd root 的命令。

- ▶ 使用 mkdir /usr/lib/jvm 命令,在/usr/lib 目录下新建一个文件夹。
- 执行命令 sudo mv jdk1.8.0_131 /usr/lib/jvm,将解压出来的文件夹移动 到/usr/lib/jvm的目录下。
- 为了方便配置环境变量,我们使用命令 sudo mv /usr/lib/jvm/ jdk1.8.0_131
 /usr/lib/jvm/java-8-sun 把 jdk 的文件改名为 jdk-8-sun。
- 设置环境变量,终端执行: sudo gedit /etc/environment 这个命令,在打开的 environment 中进行编辑。
 - > 在已有的 PATH 变量后添加 jdk 的 bin 目录, 注意用冒号与已有变量隔开。
 - > 再添加 CALSSPATH 和 JAVA_HOME 变量。

配置完成后的 environment 如下,带颜色的是根据自己的安装环境进行的相应配置添加:

PATH="/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/ usr/local/games: /usr/lib/jvm/java-8-sun/bin"

CLASSPATH=" /usr/lib/jvm/java-8-sun/lib:." 注意后面有个点

JAVA_HOME=" /usr/lib/jvm/java-8-sun/"

5. 设置好后,注销或重启使环境变量生效!

查看是否生效,终端执行: java -version,就可以看到版本就是刚配置的1.8.0_131。

-virtual-machine:~\$ 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) -virtual-machine:~\$

- 二、安装 eclipse
- 第一步:下载 eclipse

在这个网址下面,选择合适自己设备的 Linux 版本

https://www.eclipse.org/downloads/eclipse-packages/



这里以下载 64 位为例,下载 eclipse-java-neon-3-linux-gtk-x86_64.tar.gz

🕹 DOWNLOAD

Download from: Taiwan - Computer Center, Shu-Te University (http) File: eclipse-java-neon-3-linux-gtk-x86_64.tar.gz SHA-512

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第二步:安装 eclipse 步骤

1.把安装文件拷贝到 /home 目录下

sudo cp eclipse-java-neon-3-linux-gtk-x86_64.tar.gz /home

3.进入 home 目下: **cd /home**

4.安装 eclipse

sudo tar -zxvf eclipse-java-neon-3-linux-gtk-x86_64.tar.gz

5.启动 eclipse, 需要通过命令进入安装 eclipse 的目录后, 使用 sudo ./eclipse 的命

令就可以正常开启



下面就是选择工作空间的步骤

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然后进入引导页,这里可以点击上方的小箭头就可以跳过

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总结:

推荐 eclipse 官网: http://www.eclipse.org/

遇到问题方案整理:

在解压 Eclipse 的时候,可能会遇到下面问题

virtual-machine:/mnt/hgfs/MyDownload/AndroidTools\$ tar -zxvf ecl ipse-java-neon-3-linux-gtk-x86_64.tar.gz eclipse/p2/ eclipse/p2/ eclipse/p2/org.eclipse.equinox.p2.engine/ eclipse/p2/org.eclipse.equinox.p2.engine/profileRegistry/ eclipse/p2/org.eclipse.equinox.p2.engine/profileRegistry/epp.package.java.profil e/ eclipse/p2/org.eclipse.equinox.p2.engine/profileRegistry/epp.package.java.profil e/1489513838423.profile.gz eclipse/p2/org.eclipse.equinox.p2.engine/profileRegistry/epp.package.java.profil gzip: stdin: unexpected end of file tar: 归档文件中异常的 EOF tar: 归档文件中异常的 EOF tar: Error is not recoverable: exiting now

-virtual-machine:/homeS

如果遇到这种情况可能是下载的压缩包有问题,测试的方法:就是先将压缩包在

Windows 上解压看一下能不能正常解压,如果可以,证明这个压缩包没有问题。

http://www.eclipse.org/downloads/download.php?file=/technology/epp/down

loads/release/neon/3/eclipse-java-neon-3-win32-x86_64.zip

如果不能成功解压,建议在上面推荐的下载页里重新下载,或者选择其他适合自己的镜

像下载路径然后尝试下载,具体操作见下图:

🕹 DOWNLOAD

Download from: Taiwan - Computer Center, Shu-Te University (http)

File: eclipse-java-neon-3-win32-x86_64.zip_SHA-512

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8

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Viet Nam - DownloadVN

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China - University of Science and Technology of China

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Japan - Yamagata University

