Ubuntu下安装JDK详细教程
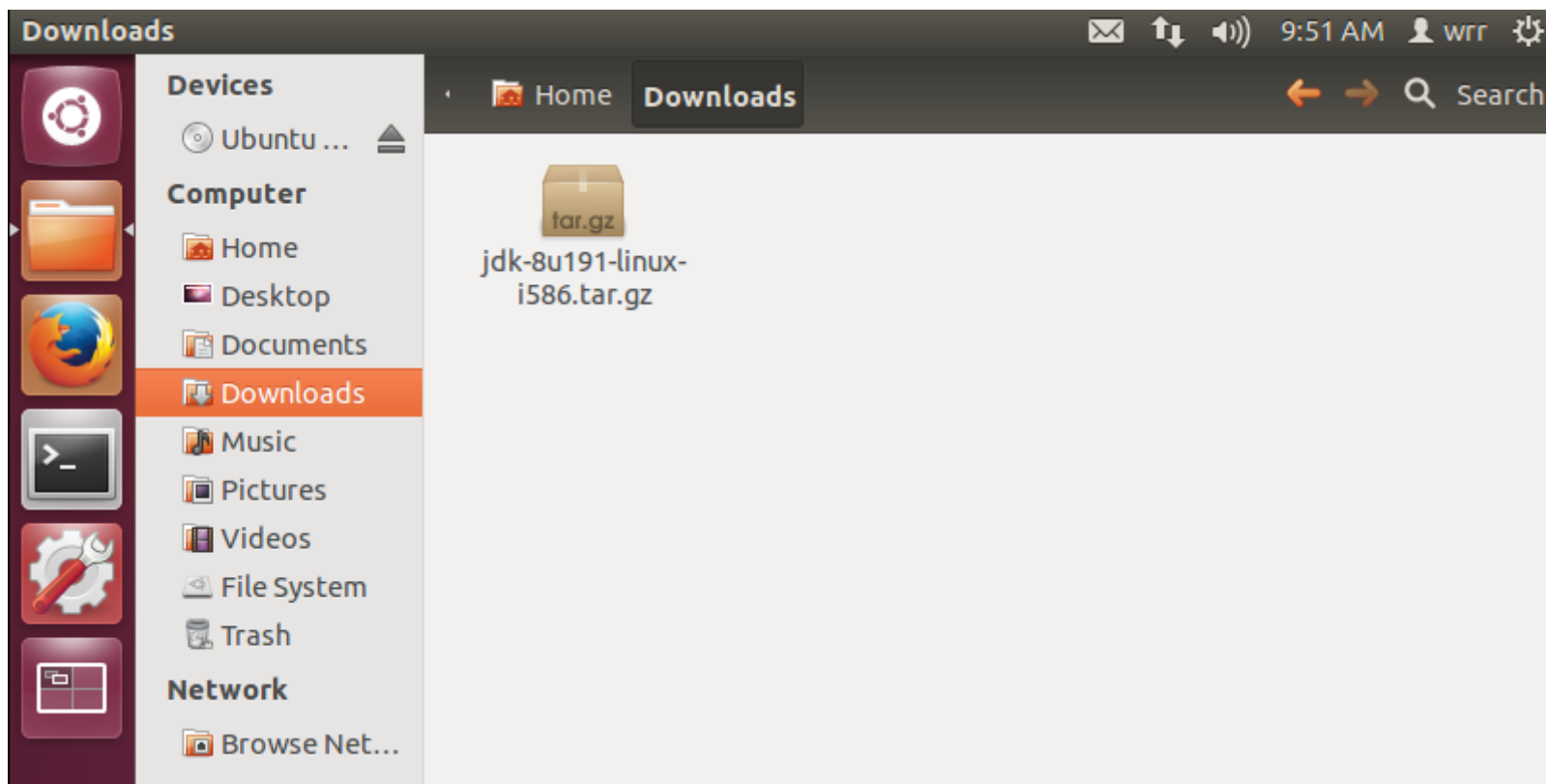
作者：凯鲁嘎吉 - 博客园 http://www.cnblogs.com/kailugaji/
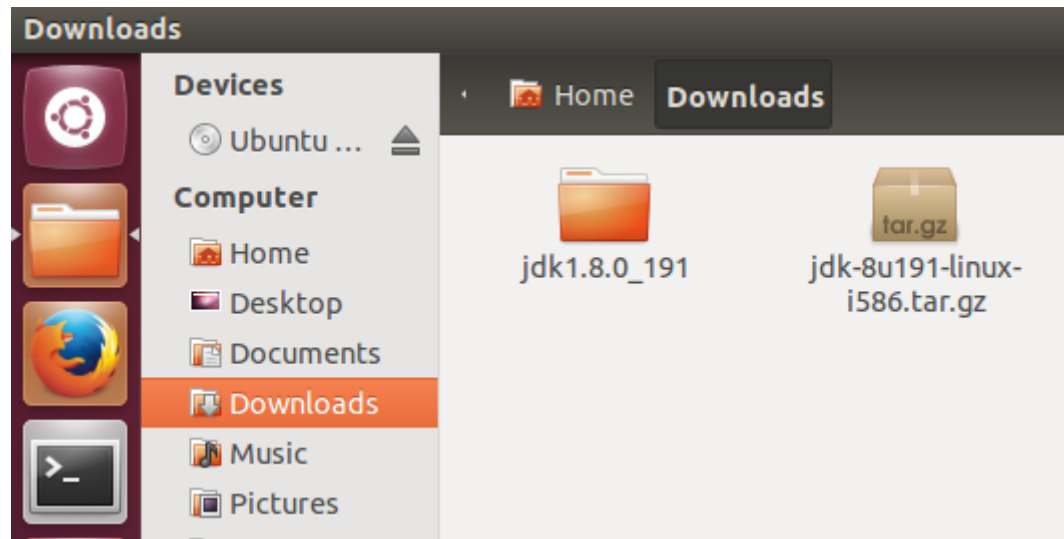
Ubuntu版本：Ubuntu-12.04.5-desktop-i386.iso

JDK版本：jdk1.8.0_191

1.解压JDK文件

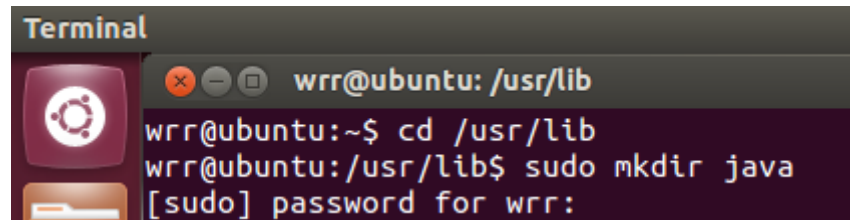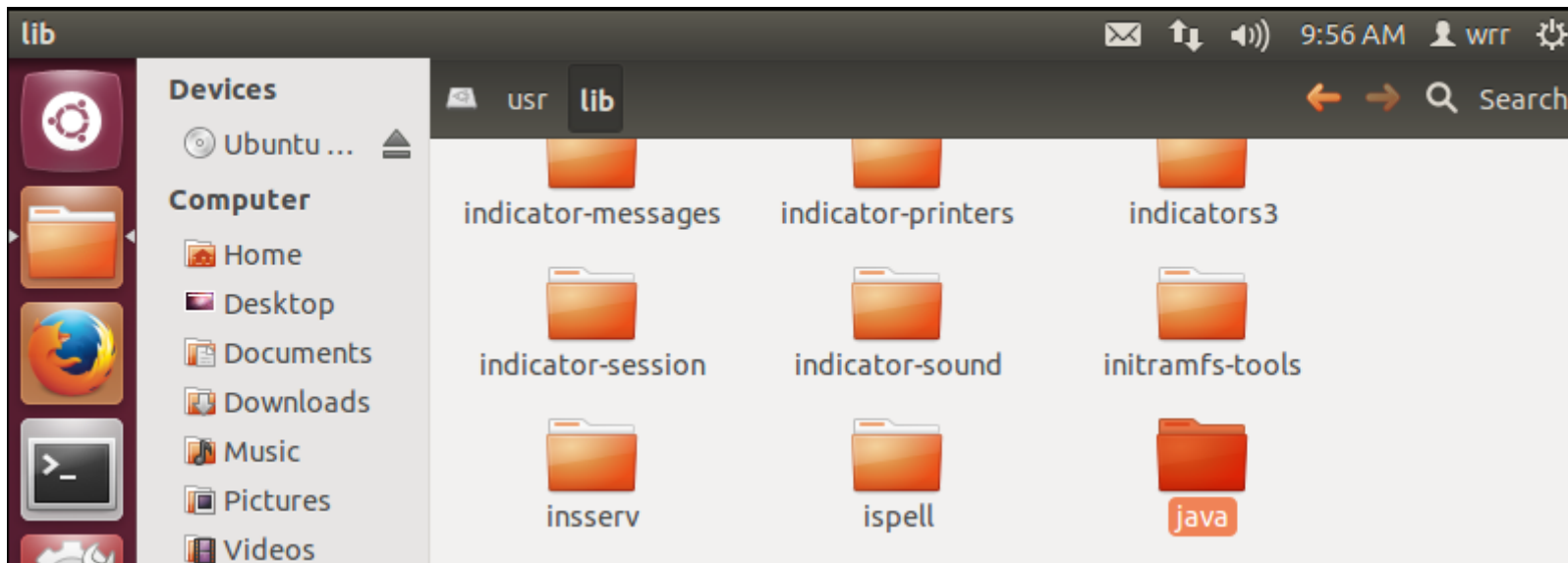先将JDK压缩文件复制到虚拟机中的Downloads文件夹下

然后点击"Extract"，解压到本地

2.在/usr/lib下创建一个新的文件夹java

```
wrr@ubuntu:~$ cd /usr/lib
wrr@ubuntu:/usr/lib$ sudo mkdir java
[sudo] password for wrr:
```
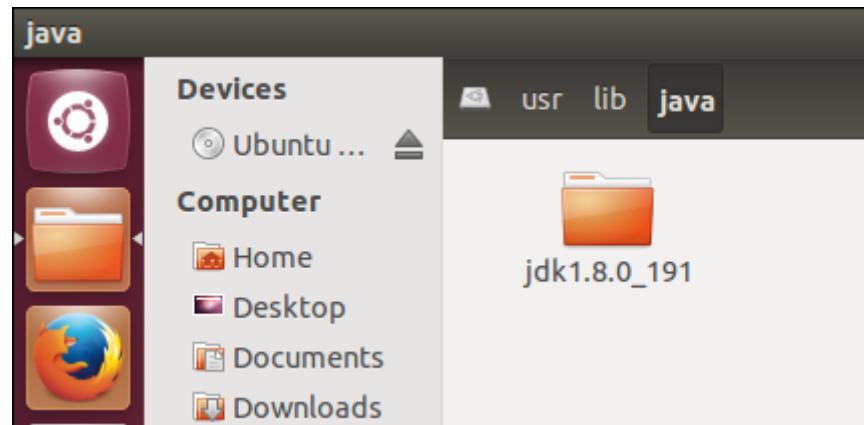

查看lib目录，发现多了java这个文件夹

3.将Downloads下的解压文件移动到/usr/lib/java下

```
wrr@ubuntu:~$ cd
wrr@ubuntu:~$ sudo mv Downloads/jdk1.8.0_191 /usr/lib/java
```


4.查看java文件夹，发现多了一个文件

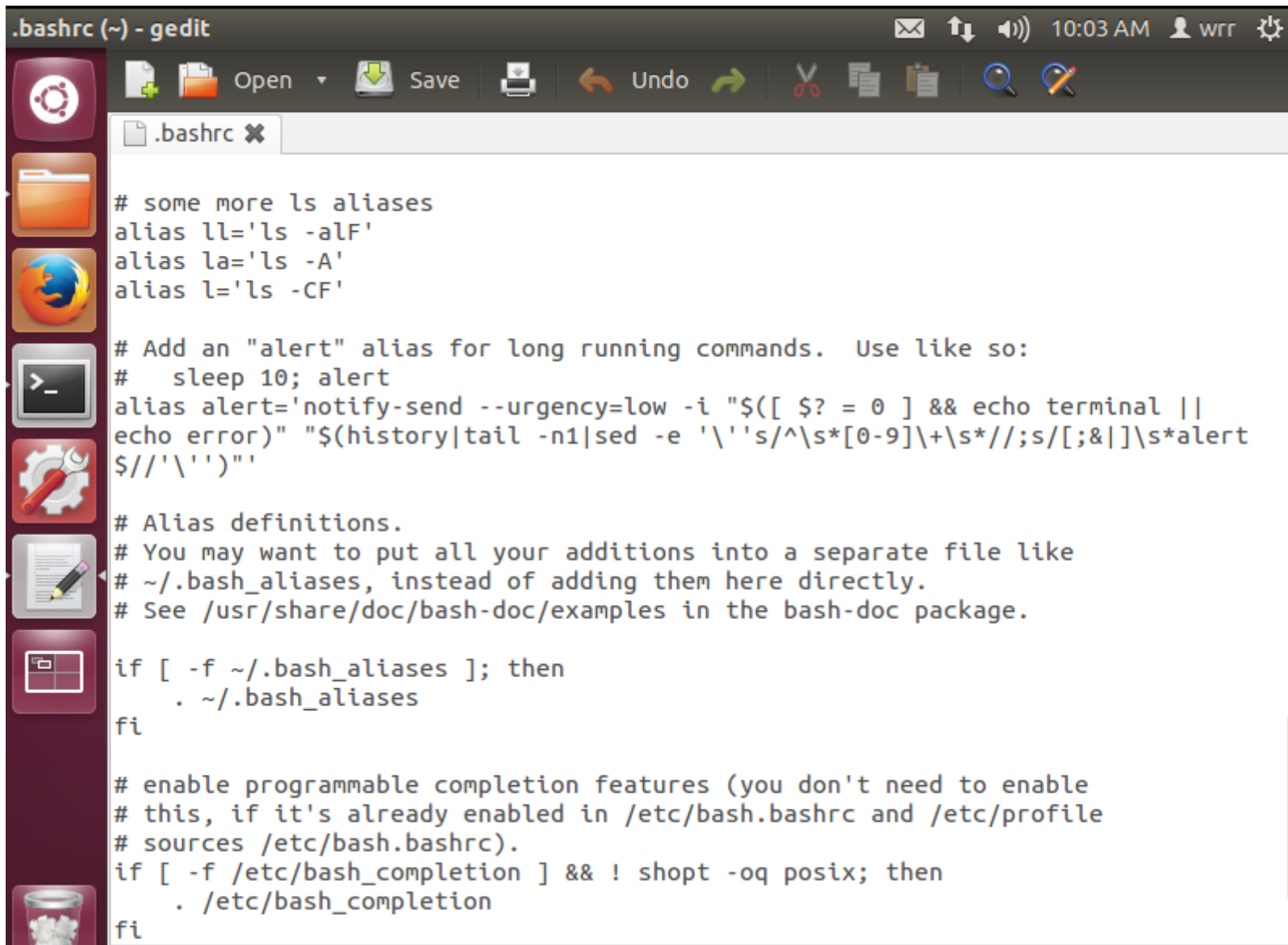## 5.设置环境变量

（1）打开.bashrc文件

wrr@ubuntu:~$ gedit ~./bashrc

(2) 在.bashrc文件末尾添加环境变量

```
export JAVA_HOME=/usr/lib/java/jdk1.8.0_191
export JRE_HOME=/usr/lib/java/jdk1.8.0_191/jre
export CLASSPATH=.:$JAVA_HOME/lib/dt.jar:$JAVA_HOME/lib/tools.jar:$JAVA_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin
```

```
#    sleep 10; alert
alias alert='notify-send --urgency=low -i "$([ $? = 0 ] && echo terminal ||
echo error)" "$(history|tail -n1|sed -e '\''s/^\s*[0-9]\+\s*//;s/[;&|]\s*alert
$//'\''')"'


# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi


# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if [ -f /etc/bash_completion ] && ! shopt -oq posix; then
    . /etc/bash_completion
fi


export JAVA_HOME=/usr/lib/java/jdk1.8.0_191
export JRE_HOME=/usr/lib/java/jdk1.8.0_191/jre
export CLASSPATH=.:$JAVA_HOME/lib/dt.jar:$JAVA_HOME/lib/tools.jar:$JAVA_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin
```

(3) Ctrl+S保存文件

(4) 使.bashrc文件生效

wrr@ubuntu:~$ source ~/.bashrc

6.安装完成

```
wrr@ubuntu:~$ java -version
java version "1.8.0_191"
Java(TM) SE Runtime Environment (build 1.8.0_191-b12)
Java HotSpot(TM) Client VM (build 25.191-b12, mixed mode)
```