1、卸载centos自带的java或已经安装的java

查看当前的jdk版本，并卸载：

[root@localhost opt]#  rpm -qa|grep java

java-1.6.0-openjdk-1.6.0.37-1.13.9.4.el5\_11

tzdata-java-2015g-1.el5

//卸载

[root@localhost opt]# rpm -e --allmatches --nodeps java-1.6.0-openjdk-1.6.0.37-1.13.9.4.el5\_11

[root@localhost opt]# rpm -e --allmatches --nodeps tzdata-java-2015g-1.el5

1. 安装Jdk
2. 查找java相关的列表
3. 查找java相关得列表

[root@localhost jre-1.6.0-openjdk.x86\_64]# yum -y list java\*

Loaded plugins: fastestmirror

Loading mirror speeds from cached hostfile

 \* addons: mirrors.btte.net

 \* base: centos.ustc.edu.cn

 \* extras: centos.ustc.edu.cn

 \* updates: centos.ustc.edu.cn

Installed Packages

java-1.6.0-openjdk.x86\_64                                        1:1.6.0.37-1.13.9.4.el5\_11                              installed

Available Packages

java-1.4.2-gcj-compat.x86\_64                                     1.4.2.0-40jpp.115                                       base

java-1.4.2-gcj-compat-devel.i386                                 1.4.2.0-40jpp.115                                       base

java-1.4.2-gcj-compat-devel.x86\_64                               1.4.2.0-40jpp.115                                       base

java-1.4.2-gcj-compat-javadoc.x86\_64                             1.4.2.0-40jpp.115                                       base

java-1.4.2-gcj-compat-src.x86\_64                                 1.4.2.0-40jpp.115                                       base

java-1.6.0-openjdk-demo.x86\_64                                   1:1.6.0.37-1.13.9.4.el5\_11                              updates

java-1.6.0-openjdk-devel.x86\_64                                  1:1.6.0.37-1.13.9.4.el5\_11                              updates

java-1.6.0-openjdk-javadoc.x86\_64                                1:1.6.0.37-1.13.9.4.el5\_11                              updates

java-1.6.0-openjdk-src.x86\_64                                    1:1.6.0.37-1.13.9.4.el5\_11                              updates

java-1.7.0-openjdk.x86\_64                                        1:1.7.0.91-2.6.2.1.el5\_11                               updates

java-1.7.0-openjdk-demo.x86\_64                                   1:1.7.0.91-2.6.2.1.el5\_11                               updates

java-1.7.0-openjdk-devel.x86\_64                                  1:1.7.0.91-2.6.2.1.el5\_11                               updates

java-1.7.0-openjdk-javadoc.x86\_64                                1:1.7.0.91-2.6.2.1.el5\_11                               updates

java-1.7.0-openjdk-src.x86\_64                                    1:1.7.0.91-2.6.2.1.el5\_11                               updates

java\_cup.x86\_64                                                  1:0.10-0.k.6jpp.1                                       base

java\_cup-javadoc.x86\_64                                          1:0.10-0.k.6jpp.1                                       base

java\_cup-manual.x86\_64                                           1:0.10-0.k.6jpp.1                                       base

javacc.x86\_64                                                    4.0-3jpp.3                                              base

javacc-demo.x86\_64                                               4.0-3jpp.3                                              base

javacc-manual.x86\_64                                             4.0-3jpp.3                                              base

 或

[root@localhost jre-1.6.0-openjdk.x86\_64]# yum search jdk

Loaded plugins: fastestmirror

Loading mirror speeds from cached hostfile

 \* addons: mirrors.btte.net

 \* base: centos.ustc.edu.cn

 \* extras: centos.ustc.edu.cn

 \* updates: centos.ustc.edu.cn

========================================================== Matched: jdk ==========================================================

java-1.6.0-openjdk.x86\_64 : OpenJDK Runtime Environment

java-1.6.0-openjdk-demo.x86\_64 : OpenJDK Demos

java-1.6.0-openjdk-devel.x86\_64 : OpenJDK Development Environment

java-1.6.0-openjdk-javadoc.x86\_64 : OpenJDK API Documentation

java-1.6.0-openjdk-src.x86\_64 : OpenJDK Source Bundle

java-1.7.0-openjdk.x86\_64 : OpenJDK Runtime Environment

java-1.7.0-openjdk-demo.x86\_64 : OpenJDK Demos

java-1.7.0-openjdk-devel.x86\_64 : OpenJDK Development Environment

java-1.7.0-openjdk-javadoc.x86\_64 : OpenJDK API Documentation

java-1.7.0-openjdk-src.x86\_64 : OpenJDK Source Bundle

gnu-crypto-sasl-jdk1.4.x86\_64 : Gnu Crypto SASL API

jakarta-commons-beanutils.x86\_64 : Jakarta Commons BeanUtils Package

jakarta-commons-collections.x86\_64 : Jakarta Commons Collections Package

jakarta-commons-launcher.x86\_64 : The Launcher Component is designed to be a cross platform Java application launcher.

ldapjdk.x86\_64 : The Mozilla LDAP Java SDK

ldapjdk-javadoc.x86\_64 : Javadoc for ldapjdk

mockobjects-alt-jdk1.4.x86\_64 : Mockable API for JDK 1.4

mockobjects-jdk1.4.x86\_64 : MockObjects for 1.4 JDK

1. 安装jdk(注：一次安装不成功就多安装几次，有时可能是网络的原因)

[root@localhost ~]# yum install java-1.6.0-openjdk.x86\_64

 ……

Total download size: 44 M

Is this ok [y/N]: y

1. 安装完成之后，验证

[root@localhost ~]# java -version

java version "1.6.0\_37"

OpenJDK Runtime Environment (IcedTea6 1.13.9) (rhel-1.13.9.4.el5\_11-x86\_64)

yOpenJDK 64-Bit Server VM (build 23.25-b01, mixed mode)

1. 4.通过yum默认安装的路径为

**/usr/lib/jvm**

[root@localhost ~]# cd /usr/lib/jvm

[root@localhost jvm]# ll

total 24

drwxr-xr-x 3 root root 4096 Jan 12 20:01 java-1.6.0-openjdk-1.6.0.37.x86\_64

lrwxrwxrwx 1 root root   21 Jan 12 20:01 jre -> /etc/alternatives/jre

lrwxrwxrwx 1 root root   27 Jan 12 20:01 jre-1.6.0 -> /etc/alternatives/jre\_1.6.0

lrwxrwxrwx 1 root root   38 Jan 12 20:01 jre-1.6.0-openjdk.x86\_64 -> java-1.6.0-openjdk-1.6.0.37.x86\_64/jre

lrwxrwxrwx 1 root root   29 Jan 12 20:01 jre-openjdk -> /etc/alternatives/jre\_openjdk

1. 如果机器上同时安装了多个jdk的话，java命令只能指向一个版本的jdk，为了在全局中方便修改jdk版本

**/etc/alternatives** 的目录下面会有个java链接，指向默认需要执行的版本的jdk的**bin/java** 命令

[root@localhost jvm]# cd /etc/alternatives

[root@localhost alternatives]# ll

total 204

lrwxrwxrwx 1 root root 46 Jan 12 20:01 java -> /usr/lib/jvm/jre-1.6.0-openjdk.x86\_64/bin/java

1. 而**/etc/alternatives/java**又会被软连接到**/usr/bin/java**

[root@localhost alternatives]# cd /usr/bin

[root@localhost bin]# ll |grep java

lrwxrwxrwx 1 root root         22 Jan 12 20:01 java -> /etc/alternatives/java

1. 将jdk的安装路径加入到JAVA\_HOME

 方法一：

[root@localhost bin]# vi /etc/profile

 在文件最后加入：

#set java environment

JAVA\_HOME=/usr/lib/jvm/jre-1.6.0-openjdk.x86\_64

PATH=$PATH:$JAVA\_HOME/bin

CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar

export JAVA\_HOME CLASSPATH PATH、

  修改/etc/profile之后让其生效

[root@localhost alternatives]# . /etc/profile

注意 **.**之后应有一个空格

方法二：

或者是安装上面创建java命令的形式，以方便修改

[root@localhost jvm]# cd /etc/alternatives

[root@localhost alternatives]# ln -s /usr/lib/jvm/jre-1.6.0-openjdk.x86\_64/ java\_home

创建一个**/etc/alternatives/java\_home**的软连接，将该连接指向到当前Jdk的根目录

然后将改连接的路径加进去

#set java environment

JAVA\_HOME=/etc/alternatives/java\_home

PATH=$PATH:$JAVA\_HOME/bin

CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar

export JAVA\_HOME CLASSPATH PATH

[root@localhost alternatives]# export |grep JAVA\_HOME

declare -x JAVA\_HOME="/etc/alternatives/java\_home"