



链滴

Linux 上搭建 java web 项目的环境

作者: [luxiaoxiang](#)

原文链接: <https://ld246.com/article/1520566761784>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

Author: luxx
Date: 2018-03-06
Desc: Linux 配置环境

[TOC]

JDK

检查版本

```
# rpm -qa | grep gcj 搜索  
# rpm -e nodeps + 文件名  
查询
```

在线安装 JDK

```
# wget --no-check-certificate --no-cookies --header "Cookie: oraclelicense=accept-secureba  
kup-cookie" http://download.oracle.com/otn-pub/java/jdk/7u71-b14/jdk-7u71-linux-x64.rpm
```

```
# rpm -ivh jdk-8u111-linux-x64.rpm
```

本地文件安装 (推荐)

```
# mkdir -p /usr/lib/jvm  
# tar -zxvf jdk-8u131-linux-x64.tar.gz -C /usr/lib/jvm  
# vim /etc/profile
```

```
export JAVA_HOME=/usr/lib/jvm/jdk1.8.0_131  
export JRE_HOME=${JAVA_HOME}/jre  
export CLASSPATH=.:${JAVA_HOME}/lib:${JRE_HOME}/lib  
export PATH=${JAVA_HOME}/bin:$PATH
```

安装Open JDK

```
# yum search java|grep jdk  
# yum install java-1.7.0-openjdk
```

配置环境变量

```
# vi /etc/profile
```

```
JAVA_HOME=/usr/lib/jvm/java-1.7.0-openjdk-1.7.0.75.x86_64  
JRE_HOME=$JAVA_HOME/jre  
CLASS_PATH=.:$JAVA_HOME/lib/dt.jar:$JAVA_HOME/lib/tools.jar:$JRE_HOME/lib  
PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin  
export JAVA_HOME JRE_HOME CLASS_PATH PATH
```

使环境变量生效

```
# source /etc/profile
```

TOMCAT

授权

```
# chmod +x *.sh
```

MYSQL

安装

```
#rpm -qa | grep mysql 检查是否安装  
#rpm -e --nodeps `rpm -qa | grep mysql` 卸载
```

```
#yum install mysql  
#yum install mysql-server  
#yum install mysql-devel
```

如果mysql-server安装失败 从官网下载

```
# wget http://dev.mysql.com/get/mysql-community-release-el7-5.noarch.rpm  
# rpm -ivh mysql-community-release-el7-5.noarch.rpm  
# yum install mysql-community-server
```

启动

```
# service mysqld restart 重启  
# service mysqld start 开始服务
```

授权

```
# mysql -u root
```

```
创建用户  
mysql>create user '用户名'@'%' identified by '密码'
```

```
把所有所有数据库的所有表的所有权限授权给所有IP的root  
mysql>grant all privileges on *.* to root@'%'identified by 'password'
```

```
mysql>grant all on *.* to '用户名'@'%' identified by '密码'
```

设置编码

```
# vi /etc/my.cnf  
default-character-set =utf8
```

这里的字符编码必须和/usr/share/mysqlCharsets/Index.xml中一致。