



链滴

服务器日常初始化的脚本

作者: [xjtushilei](#)

原文链接: <https://ld246.com/article/1513166307283>

来源网站: [链滴](#)

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升级了架构，采用了腾讯云的vpc，成都服务器，连续配置了12台服务器，肯定要节省点时间，所以这样记录一下吧，之后需要的话，写成脚本更佳。省事的主要就是gcc那些了，gcc自带的版本太低了项目需求高。

设置locale

`vim /etc/locale.conf`

```
LANG=en_US.utf-8
LC_CTYPE="en_US.utf-8"
LC_NUMERIC="en_US.utf-8"
LC_TIME="en_US.utf-8"
LC_COLLATE="en_US.utf-8"
LC_MONETARY="en_US.utf-8"
LC_MESSAGES="en_US.utf-8"
LC_PAPER="en_US.utf-8"
LC_NAME="en_US.utf-8"
LC_ADDRESS="en_US.utf-8"
LC_TELEPHONE="en_US.utf-8"
LC_MEASUREMENT="en_US.utf-8"
LC_IDENTIFICATION="en_US.utf-8"
LC_ALL=en_US.utf-8
```

`./etc/locale.conf`

创建dev用户

```
useradd -d /home/dev -m dev
passwd dev
密码
```

升级GCC

```
wget http://ftp.gnu.org/gnu/gmp/gmp-5.0.1.tar.gz
tar -xvzf gmp-5.0.1.tar.gz
cd gmp-5.0.1/
./configure --prefix=/usr/local/gmp-5.0.1
make
make install
cd ..
wget http://ftp.gnu.org/gnu/mpfr/mpfr-3.1.5.tar.gz
tar -xvzf mpfr-3.1.5.tar.gz
cd mpfr-3.1.5/
./configure --prefix=/usr/local/mpfr-3.1.5 --with-gmp=/usr/local/gmp-5.0.1
make
make install
cd ..
wget http://ftp.gnu.org/gnu/mpc/mpc-1.0.3.tar.gz
tar -xvzf mpc-1.0.3.tar.gz
```

```
cd mpc-1.0.3/
./configure --prefix=/usr/local/mpc-1.0.3 --with-gmp=/usr/local/gmp-5.0.1 --with-mpfr=/usr/local/mpfr-3.1.5
make
make install
cd ..
vim /etc/profile

export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:/usr/local/mpc-1.0.3/lib:/usr/local/gmp-5.0.1/lib:/usr/local/mpfr-3.1.5/lib

source /etc/profile
wget http://fr.mirror.babylon.network/gcc/releases/gcc-4.9.4/gcc-4.9.4.tar.gz
tar -xzvf gcc-4.9.4.tar.gz
cd gcc-4.9.4
./configure --disable-multilib --enable-languages=c,c++ --with-gmp=/usr/local/gmp-5.0.1 --with-mpfr=/usr/local/mpfr-3.1.5 --with-mpc=/usr/local/mpc-1.0.3
make -j4
make install
cd ..
gcc -v
```

python3环境

```
wget https://www.python.org/ftp/python/3.6.3/Python-3.6.3.tgz
tar -xzvf Python-3.6.3.tgz
cd Python-3.6.3

./configure
make
make install

pip3 install virtualenv
```

java

```
wget http://dev-1252377804.cosbj.myqcloud.com/jdk-8u151-linux-x64.rpm
rpm -ivh jdk-8u151-linux-x64.rpm
vim /etc/profile
```

```
JAVA_HOME=/usr/java/jdk1.8.0_151
CLASSPATH=.:$JAVA_HOME/lib/tools.jar
PATH=$JAVA_HOME/bin:$PATH
export JAVA_HOME CLASSPATH PATH
```

```
./etc/profile
```

dev用户的python3 虚拟环境

```
su dev
cd ~
mkdir .pip
vim ~/.pip/pip.conf
```

```
[global]  
index-url = https://pypi.tuna.tsinghua.edu.cn/simple
```

```
virtualenv .py3 -p python3  
vim .bashrc
```

```
alias py3='source ~/.py3/bin/activate'
```

```
source .bashrc  
py3  
pip install NumPy SciPy pybind11
```

nodejs

```
wget https://npm.taobao.org/mirrors/node/v8.9.0/node-v8.9.0-linux-x64.tar.xz  
xz -d node-v8.9.0-linux-x64.tar.xz  
tar -xf node-v8.9.0-linux-x64.tar  
mv node-v8.9.0-linux-x64 /usr/local/node/
```

```
vim /etc/profile
```

```
export NODE_HOME=/usr/local/node  
export PATH=$NODE_HOME/bin:$PATH
```

```
./etc/profile  
node -v  
npm config set registry https://registry.npm.taobao.org
```

ant 配置

```
wget http://mirrors.tuna.tsinghua.edu.cn/apache//ant/binaries/apache-ant-1.10.1-bin.zip  
unzip apache-ant-1.10.1-src.zip  
mv apache-ant-1.10.1 /usr/local/ant  
vim /etc/profile
```

```
export ANT_HOME=/usr/local/ant  
export PATH=$PATH:$ANT_HOME/bin
```

```
./etc/profile  
ant -version
```