



兄弟连教育

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第十一讲 Shell编程

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无兄弟 不编程！

课程大纲

11.1 基础正则表达式

11.2 字符截取命令

11.3 字符处理命令

11.4 条件判断

11.5 流程控制

11.5.1 if语句

11.5.2 case语句

11.5.3 for循环

11.5.4 while循环

语法一

for 变量 in 值1 值2 值3...

do

程序

done

```
#!/bin/bash
#打印时间
# Author: shenchao (E-mail: shenchao@lampbrother.net)

for time in morning noon afternoon evening
do
    echo "This time is $time!"
done
```

```
#!/bin/bash
#批量解压缩脚本
# Author: shenchao (E-mail: shenchao@lampbrother.net)

cd /lamp
ls *.tar.gz > ls.log
for i in $(cat ls.log)
do
    tar -zxf $i &>/dev/null
done
rm -rf /lamp/ls.log
```

语法二

```
for (( 初始值;循环控制条件;变量变化 ))  
do  
    程序  
done
```



```
#!/bin/bash
#从1加到100
# Author: shenchao (E-mail: shenchao@lampbrother.net)

s=0
for (( i=1;i<=100;i=i+1 ))
do
    s=$(( $s+$i ))
done
echo "The sum of 1+2+...+100 is : $s"
```

```
#!/bin/bash
#批量添加指定数量的用户
# Author: shenchao (E-mail: shenchao@lampbrother.net)
read -p "Please input user name: " -t 30 name
read -p "Please input the number of users: " -t 30 num
read -p "Please input the password of users: " -t 30 pass
if [ ! -z "$name" -a ! -z "$num" -a ! -z "$pass" ]
then
y=$(echo $num | sed 's/[0-9]//g')
if [ -z "$y" ]
then
for (( i=1;i<=$num;i=i+1 ))
do
/usr/sbin/useradd $name$i &>/dev/null
echo $pass | /usr/bin/passwd --stdin $name$i &>/dev/null
done
fi
fi
```



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