



北京邮电大学

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while循环

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▶ while结构



■ 语法

while *condition*

do *list*

done

■ 例：等待文件lockfile消失：

```
while test -r lockfile
do
    sleep 5
done
```

正确的写法：

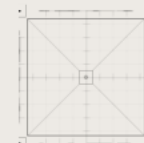
```
while test -r lockfile; do
    sleep 5
done
```

错误的写法：

```
while test -r lockfile do
    sleep 5
done
```

正确的写法：

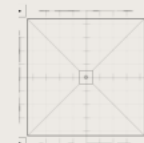
```
while test -r lockfile; do sleep 5;done
```



► while结构：倒计时



```
if [ $# = 0 ]
then
    echo "Usage: $0 : <number>"
else
    count=$1
    while [ $count -gt 0 ]
    do
        count=`expr $count - 1`
        echo -e "\015 $count \c"
        sleep 1
    done
fi
```



► while结构: ping测试多个网站



```
cat host.txt |
while read name addr
do
    str=`ping -n -c 1 -w 1 $addr 2> /dev/null | grep from`
    ms=`expr "$str" : '^.* time=\([0-9.]*\) ms$'`
    [ "$ms" = "" ] && ms="...."
    printf "%4s\t%-15s \t%s\n" $ms $addr $name
done
```



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谢谢