Redis 安装及配置

1. 使用超级用户登录，之后所有文件都放在桌面，进入桌面目录：**cd /home/cx/Desktop,** 将 **cx** 改为自己的登录用户名即可。

```
[cx@localhost Desktop]$ su -
Password:
[root@localhost ~]#
```

```
[root@localhost /]# cd /home/cx/Desktop/
[root@localhost Desktop]#
```

2. 安装 **gcc**，进入 **CentOS6.5_gcc** 文件夹，按照安装顺序进行安装。

3. 将压缩包 **tcl8.6.1-src.tar.gz** 放到 **CentOS** 桌面，解压

```
[root@localhost Desktop]# tar xzvf tcl8.6.1-src.tar.gz -C/usr/local
```

进入目录

```
[root@localhost Desktop]# cd /usr/local/tcl8.6.1/unix/
```

./configure 生成 **Makefile** 文件，为下一步编译做准备

```
[root@localhost unix]# ./configure
```

编译及安装，**make** 以及 **make install**

```
[root@localhost unix]# make
gcc -c -DNDEBUG -O2  -pipe -fvisibility=hidden  -Wall
/usr/local/tcl8.6.1/unix -I/usr/local/tcl8.6.1/generic
tommath -DPACKAGE_NAME=\"tcl\" -DPACKAGE_TARNAME=\"tcl
```

```
[root@localhost unix]# make install
Installing libtcl8.6.so to /usr/local/lib/
Installing tclsh as /usr/local/bin/tclsh8.6
Installing tclConfig.sh to /usr/local/lib/
Installing tclooConfig.sh to /usr/local/lib/
Installing libtclstub8.6.a to /usr/local/lib/
```

4. 返回桌面，将压缩包 **redis-4.0.1.tar.gz** 解压，进入目录

```
[root@localhost unix]# cd /home/cx/Desktop/
[root@localhost Desktop]# tar xzf redis-4.0.1.tar.gz
[root@localhost Desktop]# cd redis-4.0.1
[root@localhost redis-4.0.1]#
```

编译，检测并执行安装

make,make test, 没有出错继续 **make install**。（分开执行）

```
[root@localhost redis-4.0.1]# make install
cd src && make install
make[1]: Entering directory `/home/cx/Desktop/redis-4.0.1/src'

Hint: It's a good idea to run 'make test' ;)

    INSTALL install
    INSTALL install
    INSTALL install
    INSTALL install
    INSTALL install
make[1]: Leaving directory `/home/cx/Desktop/redis-4.0.1/src'
```
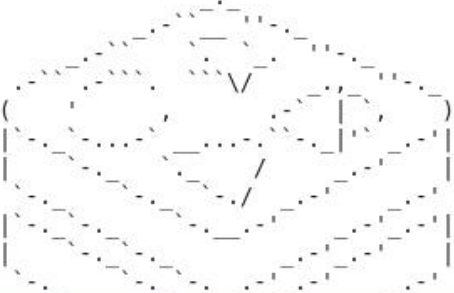
5.测试是否安装成功

启动一个服务端

```
[root@localhost redis-4.0.1]# redis-server
65554:C 19 Sep 11:35:19.543 # oO0OoO0OoO0Oo Redis is starting oO0OoO0OoO0Oo
65554:C 19 Sep 11:35:19.543 # Redis version=4.0.1, bits=64, commit=00000000, mod
ified=0, pid=65554, just started
65554:C 19 Sep 11:35:19.543 # Warning: no config file specified, using the defau
lt config. In order to specify a config file use redis-server /path/to/redis.con
f
65554:M 19 Sep 11:35:19.544 * Increased maximum number of open files to 10032 (i
t was originally set to 1024).


                _._
           _.-``__ ''-._
      _.-``    `.  `_.  ''-._           Redis 4.0.1 (00000000/0) 64 bit
  .-`` .-```.  ```\/    _.,_ ''-._
 (    '      ,       .-`  | `,    )     Running in standalone mode
 |`-._`-...-` __...-.``-._|'` _.-'|     Port: 6379
 |    `-._   `._    /     _.-'    |     PID: 65554
  `-._    `-._  `-./  _.-'    _.-'
 |`-._`-._    `-.__.-'    _.-'_.-'|
 |    `-._`-._        _.-'_.-'    |           http://redis.io
  `-._    `-._`-.__.-'_.-'    _.-'
 |`-._`-._    `-.__.-'    _.-'_.-'|
 |    `-._`-._        _.-'_.-'    |
  `-._    `-._`-.__.-'_.-'    _.-'
      `-._    `-.__.-'    _.-'
          `-._        _.-'
              `-.__.-'
```

启动一个服务端（另起一个命令框），**shutdown** 命令关闭 **redis**。

```
[cx@localhost Desktop]$ redis-cli
127.0.0.1:6379> shutdown
not connected>
```
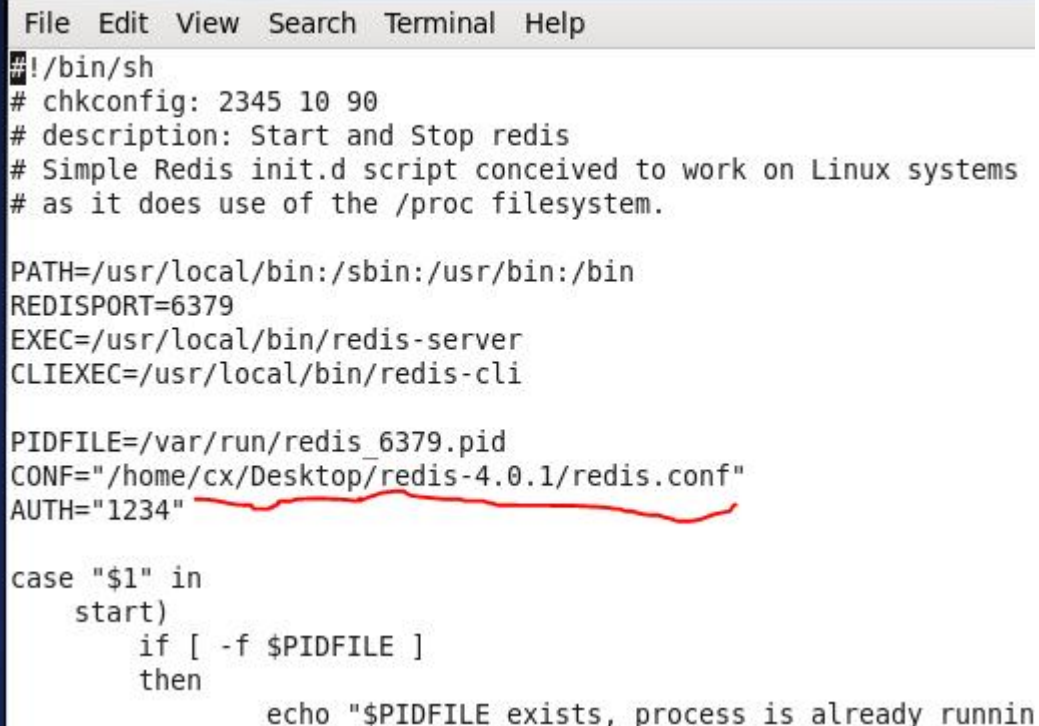
6.设置开机启动 **redis**

修改配置文件，设置 **redis.conf** 中 **daemonize** 为 **yes,**确保守护进程开启
（**insert** 进入编辑状态，修改完成后，**Esc** 退出编辑状态，：**wq**（冒号 **wq**）保
存并退出）

```
[root@localhost ~]# cd /home/cx/Desktop/
[root@localhost Desktop]# cd redis-4.0.1
[root@localhost redis-4.0.1]# ls
00-RELEASENOTES  COPYING  Makefile   redis.conf      runtest-sentinel  tests
BUGS             deps     MANIFESTO  runtest         sentinel.conf     utils
CONTRIBUTING     INSTALL  README.md  runtest-cluster  src
[root@localhost redis-4.0.1]# vi redis.conf
```

编写开机自启动脚本，所需代码在另一个文件，复制时注意修改 **CONF** 路径

```
[root@localhost redis-4.0.1]# vi /etc/init.d/redis
[root@localhost redis-4.0.1]#
```

```
File  Edit  View  Search  Terminal  Help
#!/bin/sh
# chkconfig: 2345 10 90
# description: Start and Stop redis
# Simple Redis init.d script conceived to work on Linux systems
# as it does use of the /proc filesystem.

PATH=/usr/local/bin:/sbin:/usr/bin:/bin
REDISPORT=6379
EXEC=/usr/local/bin/redis-server
CLIEXEC=/usr/local/bin/redis-cli

PIDFILE=/var/run/redis_6379.pid
CONF="/home/cx/Desktop/redis-4.0.1/redis.conf"
AUTH="1234"

case "$1" in
    start)
        if [ -f $PIDFILE ]
        then
                echo "$PIDFILE exists, process is already runnin
```

给脚本添加权限，使其可以运行，直接 **chmod** 命令

```
[root@localhost redis-4.0.1]# service redis start
env: /etc/init.d/redis: Permission denied
[root@localhost redis-4.0.1]# chmod 755 /etc.init.d/redis
chmod: cannot access `/etc.init.d/redis': No such file or directory
[root@localhost redis-4.0.1]# chmod 755 /etc/init.d/redis
[root@localhost redis-4.0.1]#
```

完成以后，用 **service redis start** 和 **service redis stop** 测试一下
最后，设置开机启动

```
[root@localhost redis-4.0.1]# chkconfig redis on
[root@localhost redis-4.0.1]#
```

重启系统验证。直接开 **redis-cli**。