☐ tai34tw / notes



使用以下指令下載,提取和編譯Redis: [1] [2]

```
$ cd /opt
$ wget http://download.redis.io/releases/redis-6.0.5.tar.gz
$ tar xzf redis-6.0.5.tar.gz
$ cd redis-6.0.5
$ make distclean && make
```

可能錯誤:

• cc: Command not found -> 未有GCC編譯器(C語言),安裝即可(版本更新如後).

[3] [4]

執行:

```
$ cd redis-6.0.5
$ [sudo] yum install gcc
$ rpm -qa | grep gcc # 驗證gcc是否安裝成功
```

```
[tai@localhost redis-6.0.5]$ rpm -qa |grep gcc
gcc-4.8.5-39.el7.x86_64
libgcc-4.8.5-39.el7.x86_64
```

\$ make

• jemalloc/jemalloc.h: No such file or directory -> 上次編譯有殘留文件,需清理後再重新編譯. [5]

• server.c:5172:31: error: 'struct redisServer' has no member named 'XXXXX' -> gcc版本不夠新(CentOS 7 默認安裝4.8.5),升級至gcc 9. [6]

```
server.c:5168:39: error: 'struct redisServer' has no member named 'maxmemory'
    if (server.maxmemory > 0 && server.maxmemory < 1024*1024) {

server.c:5169:176: error: 'struct redisServer' has no member named 'maxmemory'
    serverLog(LL_WARNING, "WARNING: You specified a maxmemory value that is less than 1MB (current value is %llu
bytes). Are you sure this is what you really want?", server.maxmemory);

server.c:5172:31: error: 'struct redisServer' has no member named 'server_cpulist'
    redisSetCpuAffinity(server.server_cpulist);

server.c: In function 'hasActiveChildProcess':
server.c:1476:1: warning: control reaches end of non-void function [-Wreturn-type]
}

server.c: In function 'allPersistenceDisabled':
server.c:1482:1: warning: control reaches end of non-void function [-Wreturn-type]
}

server.c: In function 'writeCommandsDeniedByDiskError':
server.c:3790:1: warning: control reaches end of non-void function [-Wreturn-type]
}

server.c: In function 'iamMaster':
server.c:4964:1: warning: control reaches end of non-void function [-Wreturn-type]
}

make[]: **** [server.o] Error 1
make[]: Leaving directory '/home/tai/redis-6.0.5/src'
make: *** [all] Error 2
```

執行:

```
$ cd redis-6.0.5
$ make distclean # 清除編譯生成的文件.
$ sudo yum -y install centos-release-scl
$ sudo yum -y install devtoolset-9-gcc devtoolset-9-gcc-c++ devtoolset-9
$ scl enable devtoolset-9 bash # scl指令啟用只是臨時的,退出shell或重新打影
```

執行以永久使用.[7]

```
$ sudo sh -c "echo source /opt/rh/devtoolset-9/enable >> /etc/profile"
```

重打shell (或重開機),再次編譯.

\$ gcc -v # 驗證gcc版本.

```
[tai@localhost redis-6.0.5]$ gcc -v
Using built-in specs.
COLLECT GCC=gcc
COLLECT_LTO_WRAPPER=/opt/rh/devtoolset-9/root/usr/libexec/gcc/x86_64-redhat-linux/9/lto
-wrapper
Target: x86_64-redhat-linux
Configured with: ../configure --enable-bootstrap --enable-languages=c,c++,fortran,lto
-prefix=/opt/rh/devtoolset-9/root/usr --mandir=/opt/rh/devtoolset-9/root/usr/share/man
--infodir=/opt/rh/devtoolset-9/root/usr/share/info --with-bugurl=http://bugzilla.redhat
.com/bugzilla --enable-shared --enable-threads=posix --enable-checking=release --enable
-multilib --with-system-zlib --enable-__cxa_atexit --disable-libunwind-exceptions --ena
ble-gnu-unique-object --enable-linker-build_id --with-gcc-major-version-only --with-lin
ker-hash-style=gnu --with-default-libstdcxx-abi=gcc4-compatible --enable-plugin --enabl
e-initfini-array --with-isl=/builddir/build/BUILD/gcc-9.1.1-20190605/obj-x86_64-redhat-
linux/isl-install --disable-libmpx --enable-gnu-indirect-function --with-tun=generic
-with-arch_32=x86-64 --build=x86_64-redhat-linux
Thread model: posix
gcc version 9.1.1 20190605 (Red Hat 9.1.1-2) (GCC)
```

安裝成功:

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

回到目錄

測試

使用以下指令執行Redis運行測試:

```
$ cd redis-6.0.5
$ make test
```

可能錯誤:

• You need tcl 8.5 or newer in order to run the Redis test -> 未安裝tcl 8.5. [8]

執行:

```
$ cd redis-6.0.5
$ [sudo] yum install tcl
$ echo "puts [info tclversion]" | tclsh # 驗證tcl版本
```

```
[tai@localhost redis-6.0.5]$ echo "puts [info tclversion]" | tclsh
8.5
```

**** [err]: Test FLUSHALL aborts bgsave in tests/integration/rdb.tcl -> 效能配置
 不足,增加效能配置即可(測試無法通過,不代表Redis無法運行).[9]

```
!!! WARNING The following tests failed:
*** [err]: Test FLUSHALL aborts bgsave in tests/integration/rdb.tcl
Expected '1' to be equal to '0' (context: type eval line 8 cmd {assert_equal [s rdb_bgs
ave_in_progress] 0} proc ::test)
Cleanup: may take some time... 0K
make[1]: *** [test] Error 1
make[1]: Leaving directory `/home/tai/redis-6.0.5/src'
make: *** [test] Error 2
```

執行: 增加(虛擬機)記憶體及處理器效能,以下供參:

o 記憶體: 4G.

- 。 處理器: 實體2核心,虛擬2核心,共4核心.
- o 硬碟: 40G.

運行測試通過:

```
\o/ All tests passed without errors!
```

回到目錄

啟動

使用以下指令運行Redis:

- \$ cd redis-6.0.5
- \$ src/redis-server

可能錯誤 (但可能不影響運行):

```
ItasiBlocalhost -18 of redis-6.0.7

ItasiBlocalhost redis-6.0.9/

ItasiBlocalhost redis-6.0.9/
```

 WARNING: The TCP backlog setting of 511 cannot be... (監聽佇列的長度預設 128):

執行: [10]

```
$ echo "net.core.somaxconn = 2048" | sudo tee -a /etc/sysctl.conf
```

```
[tai@localhost home]$ echo "net.core.somaxconn = 2048" | sudo tee -a /etc/sysctl.conf
[sudo] password for tai:
net.core.somaxconn = 2048
```

WARNING overcommit_memory is set to 0! (内存分配策略參數設置為0):
 執行:

```
$ echo "vm.overcommit_memory = 1" | sudo tee -a /etc/sysctl.conf
```

```
[tai@localhost home]$ echo "vm.overcommit_memory = 1" | sudo tee -a /etc/sysctl.conf
[sudo] password for tai:
vm.overcommit_memory = 1
```

備註: 其他參數設定詳見: [11][12]

- WARNING you have Transparent Huge Pages (THP) support enabled in your kernel (你使用的是透明大頁,可能導致redis延遲和內存使用問題)....
 執行: [13]
 - 暫時解決方法

```
$ sudo su # 切換至root帳號,用sudo無法
# echo never > /sys/kernel/mm/transparent_hugepage/enabled
# exit # 切換回User帳號
```

o 永久解決方法

```
$ sudo su
# vim /etc/rc.local
# echo never > /sys/kernel/mm/transparent_hugepage/enabled
# exit
```

運行成功

回到目錄

使用內建客戶端與Redis溝通

保持Redis運行,另外開啟shell,並使用下列指令與Redis溝通:

```
$ cd redis-6.0.5
$ src/redis-cli
```

```
[tai@localhost ~]$ cd redis-6.0.5/
[tai@localhost redis-6.0.5]$ ls

00-RELEASENOTES deps Makefile runtest sentinel.conf TLS.md

BUGS dump.rdb MANIFESTO runtest-cluster set utils

CONTRIBUTING get README.md runtest-moduleapi src

COPYING INSTALL redis.conf runtest-sentinel tests

[tai@localhost redis-6.0.5]$ src/redis-cli

127.0.0.1:6379> ■
```

新增資料: > set foo bar
 127.0.0.1:6379> set foo bar
 0K

• 搜尋資料: > get foo 127.0.0.1:6379> get foo "bar"

回到目錄

快速執行

使用以下指令將主程式複製到/usr/local/bin/: [4]

```
$ cd redis-6.0.5/
$ sudo cp src/redis-server /usr/local/bin/
$ sudo cp src/redis-cli /usr/local/bin/
```

可以直接無視現在的目錄,直接執行redis的server與client 執行:

- server端:
 - \$ redis-server

```
[taiglocalhost home]s redis-server
29305:C 23 Jun 2020 22:37:39.583 # 0000000000000 Redis is starting 0000000000000
29305:C 23 Jun 2020 22:37:39.583 # Redis version=6.0.5, bits=64, commit=00000000, modified=0, pid=29305, just started
29305:C 23 Jun 2020 22:37:39.583 # Redis version=6.0.5, bits=64, commit=00000000, modified=0, pid=29305, just started
29305:M 23 Jun 2020 22:37:39.585 # You requested maxclients of 100000 requiring at least 10022 max file descriptors.
29305:M 23 Jun 2020 22:37:39.585 # You requested maxclients of 100000 requiring at least 10022 max file descriptors.
29305:M 23 Jun 2020 22:37:39.585 # Current maximum open files to 10032 because of 05 error: Operation not permitted.
29305:M 23 Jun 2020 22:37:39.585 # Current maximum open files is 4096. maxclients has been reduced to 4004 to compensate for low ulimit. If you need higher maxclients increase 'ulimit -n'.

Redis 6.0.5 (000000000) 64 bit

Running in standalone mode
Port: 6379
PID: 29305

http://redis.io

http://redis.io

http://redis.io

http://redis.io

http://redis.io

http://redis.io

http://space.com/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/space/spac
```

客戶端:

\$ redis-cli

[tai@localhost ~]\$ redis-cli 127.0.0.1:6379>

回到目錄

建議安裝補充

使用以下指令更適當地安裝Redis,以保存數據:[14]

1. 假設已經將redis-server和redis-cli可執行文件複製到/usr/local/bin下,可透過以下指令檢查.

```
$ cd /
$ cd /usr/local/bin
$ ls
```

```
[tai@localhost ~]$ cd /
[tai@localhost /]$ cd /usr/local/bin
[tai@localhost bin]$ ls
redis-cli redis-server
```

2. 創建一個目錄,用於存儲您Redis配置文件和數據:

```
$ cd /
$ sudo mkdir /etc/redis
$ sudo mkdir /var/redis
```

- 3. 找到當初下載Redis檔案處之初始化腳本(以「安裝」之redis-6.0.5為範例),複製至/etc/init.d/下,官方建議以port為命名.
 - \$ sudo cp utils/redis init script /etc/init.d/redis 6379

[tai@localhost redis-6.0.5]\$ sudo cp utils/redis_init_script /etc/init.d/redis_6379

- 4. 編輯其腳本
 - \$ sudo vim /etc/init.d/redis_6379

。 依據port修改REDISPORT, 其PIDFILE和CONF路徑皆取決於port (例如6379).

```
REDISPORT=6379
EXEC=/usr/local/bin/redis-server
CLIEXEC=/usr/local/bin/redis-cli

# PIDFILE=/var/run/redis_${REDISPORT}.pid
PIDFILE=/var/run/redis_6379.pid
# CONF="/etc/redis/${REDISPORT}.conf"
CONF="/etc/redis/6379.conf"
```

- 5. 找到當初下載Redis檔案處(同步驟1)之配置文件模板, 複製到/etc/redis/中
 - o 名稱與port相同(例如6379)
 - \$ sudo cp redis.conf /etc/redis/6379.conf

[tai@localhost redis-6.0.5]\$ sudo cp redis.conf /etc/redis/6379.conf

- 6. 創建一個目錄,供Redis之數據和工作目錄使用
 - \$ sudo mkdir /var/redis/6379
- 7. 編輯配置文件,確保執行以下更改(直接google翻譯)(路人翻譯版,請詳見: https://kknews.cc/zh-tw/code/y326ymk.html): [14][15]
 - \$ sudo vim /etc/redis/6379.conf
 - line: 69 (選用,供外部訪問)將ip (預設127.0.0.1)修改為本(虛擬)機ip.

綁定多個ip, 可使用bind 127.0.0.1 192.168.200.136

o line: 92 (更改port)

在本件範例中,使用默認的port (6379),因此不需要修改.

```
# Accept connections on the specified port, default is 6379 (IANA #815344).
# If port 0 is specified Redis will not listen on a TCP socket.
Ort 6379

# TCP listen() backlog.

92,1 3%
```

o line: 206

將守護程序(daemonize)設置為'yes' (默認情況下設置為'no').

o line: 228

將pidfile設置為/var/run/redis_6379.pid (如果需要,請修改port).

```
# If a pid file is specified, Redis writes it where specified at startup
# and removes it at exit.

# When the server runs non daemonized, no pid file is created if none is
# specified in the configuration. When the server is daemonized, the pid file
# is used even if not specified, defaulting to "/var/run/redis.pid".

# Creating a pid file is best effort: if Redis is not able to create it
# nothing bad happens, the server will start and run normally.
pidfile /var/run/redis_6379.pid

# Specify the server verbosity level.
# This can be one of:
# debug (a lot of information, useful for development/testing)
# verbose (many rarely useful info, but not a mess like the debug level)
# notice (moderately verbose, what you want in production probably)
# warning (only very important / critical messages are logged)
loglevel notice

228,1
```

o line: 236

設置日誌級別.

```
# Specify the server verbosity level.

# This can be one of:
# debug (a lot of information, useful for development/testing)
# verbose (many rarely useful info, but not a mess like the debug level)
# notice (moderately verbose, what you want in production probably)
# warning (only very important / critical messages are logged)
loglevel notice

# Specify the log file name. Also the empty string can be used to force
# Redis to log on the standard output. Note that if you use standard
# output for logging but daemonize, logs will be sent to /dev/null
logfile "/var/log/redis_6379.log"

236,1 11%
```

o line: 241 (日誌檔案的地址)

將日誌文件設置為/var/log/redis_6379.log, 該路徑一定要是文件夾.

```
# Specify the log file name. Also the empty string can be used to force
# Redis to log on the standard output. Note that if you use standard
# output for logging but daemonize, logs will be sent to /dev/null
logfile "/var/log/redis_6379.log"
# To enable logging to the system logger, just set 'syslog-enabled' to yes,
# and optionally update the other syslog parameters to suit your needs.
# syslog-enabled no
241,1 12%
```

o line: 346 (數據持久存放處)

將目錄設置為/var/redis/6379 (非常重要的步驟!).

備註: 若不好找可用/搜尋關鍵字.

- 8. 將新的Redis腳本設為預設執行
 - \$ sudo update-rc.d redis_6379 defaults

可能錯誤:

[tai@localhost redis-6.0.5]\$ sudo update-rc.d redis_6379 defaults /var/tmp/sclV4Aqz8: line 8: u<u>p</u>date-rc.d: command not found

- o sudo update-rc.d redis_6379 defaults 可能為Ubuntu 指令, CentOS不受用. 執行: [16]
 - \$ sudo chkconfig --add redis_6379
 - \$ sudo chkconfig redis_6379 on
- 9. 執行修改後的Redis
 - \$ sudo /etc/init.d/redis_6379 start
- 10. 檢視redis是否已經啟動

```
$ ps -ef | grep redis
```

• 啟動成功

```
[tai@localhost ~]$ ps -ef | grep redis
root 3755 1 0 01:10 ? 00:00:00 /usr/local/bin/<mark>redis</mark>-server 192.168.200.136:6379
tai 3820 3<u>0</u>47 0 01:11 pts/0 00:00:00 grep --color=auto redis
```

- 11. 透過客戶端檢視Redis是否執行成功
 - \$ redis-cli -h 192.168.200.136 -p 6379
- 啟動成功

```
[tai@localhost 6379]$ redis-cli -h 192.168.200.136 -p 6379
192.168.200.136:6379> ■
```

回到目錄

關閉Server

在客戶端使用以下指令關閉Server:

- 官方建議方法,確保在退出之前將數據保存:
 - \$ redis-cli SHUTDOWN

查看原先開啟的Server端視窗

```
50511:M 29 Jun 2020 21:59:32.927 # Server initialized
50511:M 29 Jun 2020 21:59:32.928 * Loading RDB produced by version 6.0.5
50511:M 29 Jun 2020 21:59:32.928 * RDB age 12801 seconds
50511:M 29 Jun 2020 21:59:32.928 * RDB memory usage when created 0.50 Mb
50511:M 29 Jun 2020 21:59:32.928 * DB loaded from disk: 0.000 seconds
50511:M 29 Jun 2020 21:59:32.928 * Ready to accept connections
50511:M 29 Jun 2020 21:59:50.857 # User requested shutdown...
50511:M 29 Jun 2020 21:59:50.857 * Saving the final RDB snapshot before exiting.
50511:M 29 Jun 2020 21:59:50.859 * DB saved on disk
50511:M 29 Jun 2020 21:59:50.859 # Redis is now ready to exit, bye bye...
```

● 應該與上者類似,但未將數據保存(無法退出時,可用此指令): [17]

\$ redis-cli SHUTDOWN NOSAVE

查看原先開啟的Server端視窗

```
世年所入山市和政山 JOCTVCTMIN DLE

37963:M 24 Jun 2020 21:18:23.773 # Server initialized

37963:M 24 Jun 2020 21:18:23.773 # MARNING you have Transparent Huge Pages (THP) support enabled in your kernel. This will create latency and memory usage issues with Red

5. To fix this issue run the command 'echo never > /sys/kernel/mm/transparent_hugepage/enabled' as root, and add it to your /etc/rc.local in order to retain the setting a

ter a reboot. Redis must be restarted after THP is disabled.

37963:M 24 Jun 2020 21:18:23.774 * Ready to accept connections

37963:M 24 Jun 2020 21:18:23.476 # Ready to accept connections

37963:M 24 Jun 2020 21:18:34.461 # User requested shutdown...

37963:M 24 Jun 2020 21:18:34.661 # User requested shutdown...

37963:M 24 Jun 2020 21:18:34.661 # Failed opening the RDB file dump.rdb (in server root dir /home) for saving: Permission denied

37963:M 24 Jun 2020 21:18:34.661 # Failed opening the RDB file dump.rdb (in server root dir /home) for saving: Permission denied

37963:M 24 Jun 2020 21:18:34.661 # Failed opening to save the BDB, can't extl.

37963:M 24 Jun 2020 21:18:34.661 # Failed specified the received but errors trying to shut down the server, check the logs for more information

37963:M 24 Jun 2020 21:18:36.219 # Redis is now ready to exit, bye bye...
```

• 正常退出,但有時候不成功:[18]

\$ pkill redis-server

查看原先開啟的Server端視窗

```
33732:M 24 Jun 2020 10:57:26.243 * Loading RDB produced by version 6.0.5
33732:M 24 Jun 2020 10:57:26.243 * RDB age 1293 seconds
33732:M 24 Jun 2020 10:57:26.243 * RDB memory usage when created 0.50 Mb
33732:M 24 Jun 2020 10:57:26.243 * DB loaded from disk: 0.000 seconds
33732:M 24 Jun 2020 10:57:26.244 * Ready to accept connections
33732:signal-handler (1592967453) Received SIGTERM scheduling shutdown...
33732:M 24 Jun 2020 10:57:33.798 # User requested shutdown...
33732:M 24 Jun 2020 10:57:33.798 * Saving the final RDB snapshot before exiting.
33732:M 24 Jun 2020 10:57:33.800 * DB saved on disk
33732:M 24 Jun 2020 10:57:33.800 # Redis is now ready to exit, bye bye...
```

• 強制關閉(沒有log釋出): [19]

```
$ ps -a # 查看現有redis-server之PID
$ kill -9 3365 # 3365為該server之PID
```

```
tai@localhost home]$ ps -a
  PID TTY
                    TIME CMD
               00:00:00 vim
30298 pts/0
               00:00:00 redis-server
33658 pts/1
33663 pts/0
               00:00:00 ps
[tai@localhost home]$ kill -9 33658
[tai@localhost home]$ ps -a
  PID TTY
                    TIME CMD
30298 pts/0
                00:00:00 vim
33700 pts/0
               00:00:00 ps
```

查看原先開啟的Server端視窗

```
33504:M 24 Jun 2020 10:48:40.599 * Loading RDB produced by version 6.0.5
33504:M 24 Jun 2020 10:48:40.599 * RDB age 767 seconds
33504:M 24 Jun 2020 10:48:40.599 * RDB memory usage when created 0.50 Mb
33504:M 24 Jun 2020 10:48:40.599 * DB loaded from disk: 0.000 seconds
33504:M 24 Jun 2020 10:48:40.599 * Ready to accept connections
Killed
```

回到目錄

開啟外部訪問

使用以下指令使其Redis允許外部訪問:

- 1. 編輯配置文件,確保執行以下更改(步驟同「建議安裝補充」(供外部訪問): [15]
 - \$ sudo vim /etc/redis/6379.conf

將ip (預設127.0.0.1)修改為本(虛擬)機ip.

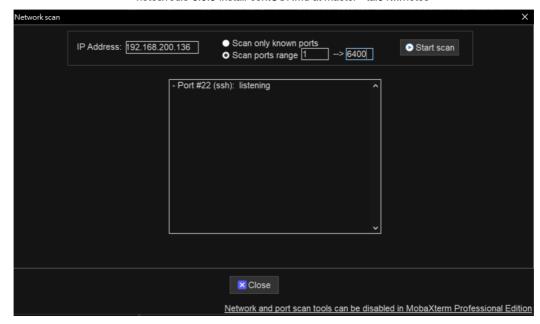
可能錯誤:

o 外部無法連線 (以win 10為例)

> telnet 192.168.200.136 6379

```
C:\Users\tai34>telnet 192.168.200.136 6379
正連線到 192.168.200.136...無法開啟到主機的連線, 在連接埠 6379: 連線失敗
```

透過MobaXterm之掃port工具(上方工具列Tools > Ports scanner), Cent OS 未外開Redis的port.



執行:

- a. 確認防火牆是否開啟
 - \$ firewall-cmd --zone=public --list-all

```
[tai@localhost ~]$ firewall-cmd --zone=public --list-all
public (active)
  target: default
  icmp-block-inversion: no
  interfaces: ens33
  sources:
  services: dhcpv6-client ssh
  ports:
  protocols:
  masquerade: no
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:
```

- b. 對外開放 6379 port
 - \$ firewall-cmd --zone=public --add-port=6379/tcp --permanent

備註: --permanent 指定為永久設定, 否則在 firewalld 重啟或是重新 讀取設定,就會失效.

[tai@localhost ~]\$ firewall-cmd --zone=public --add-port=6379/tcp --permanent success

- c. 重新讀取 firewall 設定
 - \$ firewall-cmd --reload

```
[tai@localhost ~]$ firewall-cmd --reload
success
```

- d. 與步驟1同,再檢查一次指定port是否在開放清單內
 - \$ firewall-cmd --zone=public --list-all

```
[tai@localhost ~]$ firewall-cmd --zone=public --list-all
public (active)
   target: default
  icmp-block-inversion: no
  interfaces: ens33
  sources:
  services: dhcpv6-client ssh
  ports: 6379/tcp
  protocols:
  masquerade: no
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:
```

- e. 重新從本地端cmd測試
 - > telnet 192.168.200.136 6379

成功,就是黑黑的一片.



回到目錄

管理工具(Windows 10為例)

使用以下指令於cmd下操作:

- Redis-commander
 - i. 檢查有無npm環境:
 - > npm -v
 - 有

```
C:\Users\tai34>npm -v
6.14.4
C:\Users\tai34>
```

- 無請自行安裝.
- ii. 安裝redis-commander [19]
 - > npm install -g redis-commander

```
C:\Users\tai34>npm install -g redis-commander
npm WARN deprecated bcrypt@3.0.8: versions < v5.0.0 do not handle NUL in passwords properly
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN deprecated fsevents@1.2.13: fsevents l will break on node v14+ and could be using insecure binaries. Upgrade to
fsevents 2.
C:\Users\tai34\AppData\Roaming\npm\redis-commander -> C:\Users\tai34\AppData\Roaming\npm\node_modules\redis-commander\bin
n\redis-commander.js

> bcrypt@3.0.8 install C:\Users\tai34\AppData\Roaming\npm\node_modules\redis-commander\node_modules\bcrypt
> node-pre-gyp install --fallback-to-build

node-pre-gyp WARN Using needle for node-pre-gyp https download
[bcrypt] Success: "C:\Users\tai34\AppData\Roaming\npm\node_modules\redis-commander\node_modules\bcrypt\lib\binding\bcrypt
t_lib.node" is installed via remote

> redis-commander@0.7.0 postinstall C:\Users\tai34\AppData\Roaming\npm\node_modules\redis-commander
> echo '==> INFO: Errors with module "bcrypt" can be ignored'

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@^1.2.7 (node_modules\redis-commander\node_modules\chokidar\node
modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin", "arch":"an
y"} (current: {"os":"win32", "arch":"x64"})

+ redis-commander@0.7.0
added 497 packages from 307 contributors in 44.405s
```

iii. 啟動redis-commander

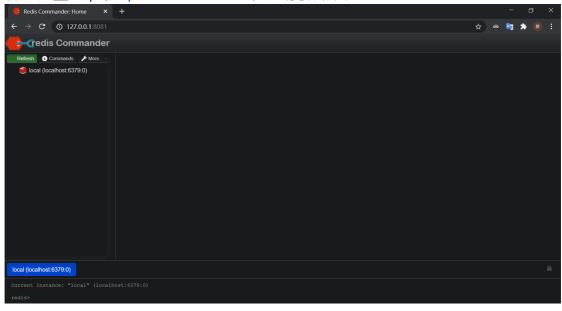
- 連結本地端Server
 - > redis-commander

```
C:\Users\tai34> redis-commander
Using scan instead of keys
No Save: false
listening on 0.0.0.0:8081
access with browser at http://127.0.0.1:8081
setUpConnection (R:undefined:undefined:undefined) Redis error Error: connect ECONNREFUSED 127.0.0.1:6379
at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1141:16)
setUpConnection (R:undefined:undefined:undefined) Redis error Error: connect ECONNREFUSED 127.0.0.1:6379
at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1141:16)
setUpConnection (R:undefined:undefined:undefined) Redis error Error: connect ECONNREFUSED 127.0.0.1:6379
at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1141:16)
setUpConnection (R:undefined:undefined:undefined) Redis error Error: connect ECONNREFUSED 127.0.0.1:6379
at TCPConnectWrap.afterConnect [as oncomplete] (net.js:1141:16)
```

■ 連結至外部Redis

redis-commander --redis-host 192.168.200.136 --redis-port 6379

iv. 將上述書面ip (http://127.0.0.1:8081)以瀏覽器開啟



備註:其他管理工具GUI: [20]

回到目錄

參考來源

- 1. https://redis.io/download
- 2. https://linuxize.com/post/how-to-install-and-configure-redis-on-centos-7/
- 3. https://www.itread01.com/content/1547765307.html
- 4. https://dotblogs.com.tw/jakeuj/2015/12/24/Redis
- 5. https://www.cnblogs.com/operationhome/p/10342258.html
- 6. https://www.cnblogs.com/sanduzxcvbnm/p/12955145.html
- 7. https://stackoverflow.com/questions/51030702/how-to-write-in-etc-profile-using-bash-permission-denied
- 8. https://www.cnblogs.com/zhaoshunjie/p/5907029.html
- 9. https://github.com/antirez/redis/issues/2126
- 10. https://codertw.com/%E7%A8%8B%E5%BC%8F%E8%AA%9E%E8%A8%80/424386
- 11. https://access.redhat.com/documentation/zh-tw/red_hat_enterprise_linux/6/html/performance_tuning_guide/s-memory-captun
- 12. https://blog.csdn.net/hjx_1000/article/details/46412557
- 13. https://www.jianshu.com/p/7ca4b74c92be
- 14. https://redis.io/topics/quickstart
- 15. https://www.itread01.com/content/1546782362.html
- 16. https://unix.stackexchange.com/questions/65398/converting-update-rc-d-redis-6379-defaults-to-chkconfig-command
- 17. https://redis.io/commands/shutdown
- 18. http://www.jeepxie.net/article/964280.html
- 19. https://www.npmjs.com/package/redis-commander
- 20. https://redislabs.com/blog/so-youre-looking-for-the-redis-gui/

回到目錄