Redis

4 Redis CLI을 통한 접속

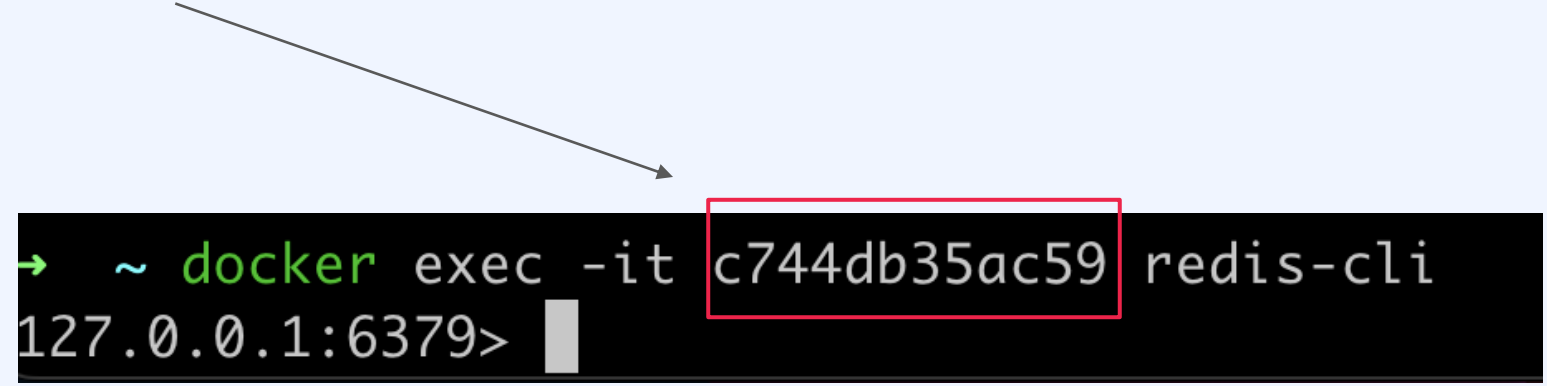
Redis command line interface

```
127.0.0.1:6379> SET name "lee"
OK
127.0.0.1:6379> GET name
"lee"
```

Redis CLI

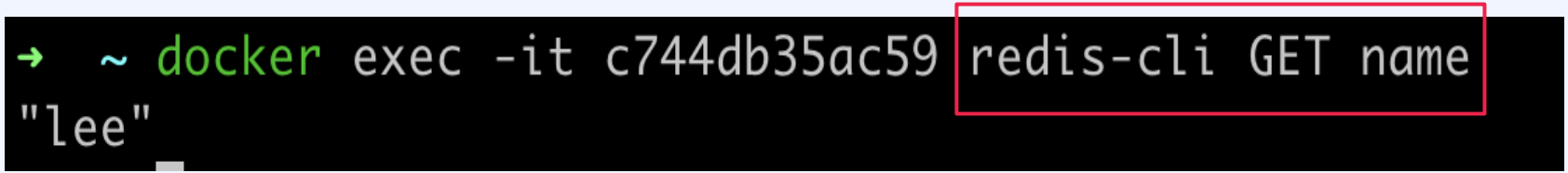
CLI 실행

```
➜  ~ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                    NAMES
c744db35ac59   redis:6.2      "docker-entrypoint.s…"   20 hours ago   Up 20 hours   0.0.0.0:6379->6379/tcp   quirky_khorana
```

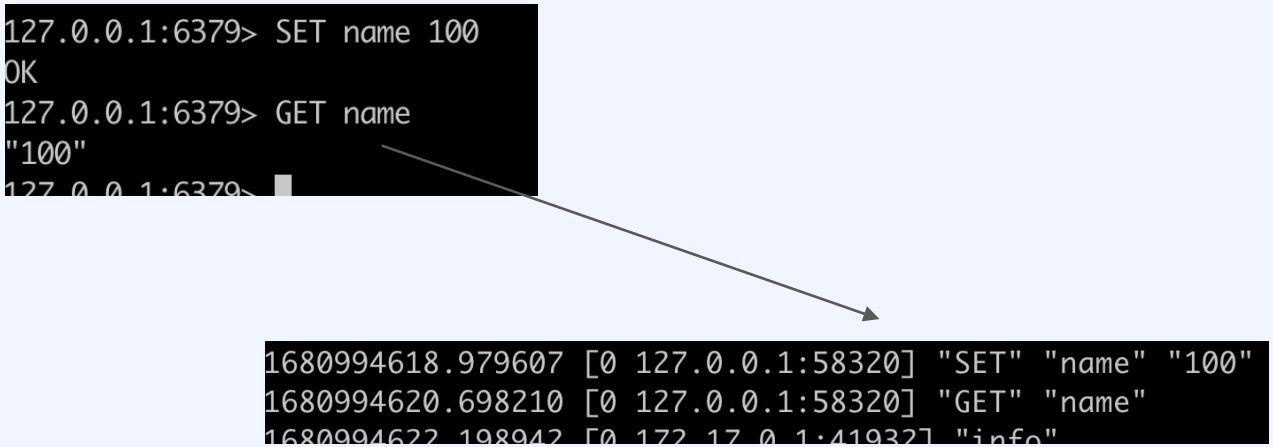


Redis CLI

CLI 실행



$ redis-cli monitor



Redis CLI

유용한 명령어

```
127.0.0.1:6379> slowlog get
 1) 1) (integer) 9
    2) (integer) 1680993215
    3) (integer) 774374
    4) 1) "FLUSHALL"
    5) "172.17.0.1:58704"
    6) "redisinsight-cli-abf5a888"
 2) 1) (integer) 8
    2) (integer) 1680991033
    3) (integer) 11794
    4) 1) "scan"
       2) "0"
       3) "count"
       4) "10000"
       5) "match"
       6) "*"
    5) "172.17.0.1:41952"
    6) "redisinsight-common-4dc4443d"
 3) 1) (integer) 7
    2) (integer) 1680991029
```

10ms(default)

format

1) ID
2) 실행시간
3) 수행시간(microsecond)
4) 명령
5) client ip/port
6) client name

Redis CLI

유용한 명령어

```
127.0.0.1:6379> info
# Server
redis_version:6.2.11
redis_git_sha1:00000000
redis_git_dirty:0
redis_build_id:348e6377287aa6ce
redis_mode:standalone
os:Linux 5.15.49-linuxkit aarch64
arch_bits:64
monotonic_clock:POSIX clock_gettime
multiplexing_api:epoll
atomicvar_api:c11-builtin
gcc_version:10.2.1
process_id:1
process_supervised:no
run_id:d0379dd6e90e5177d560ea4419367d8b839ea752
tcp_port:6379
server_time_usec:1680995697308354
uptime_in_seconds:81869
uptime_in_days:0
hz:10
configured_hz:10
lru_clock:3274097
executable:/data/redis-server
config_file:
io_threads_active:0

# Clients
connected_clients:9
cluster_connections:0
maxclients:10000
client_recent_max_input_buffer:32
client_recent_max_output_buffer:0
```

Redis CLI

유용한 명령어

```
➜  ~ docker exec -it f1204c86466f redis-cli --stat
------- data ------ -------------------- load -------------------- - child -
keys       mem      clients blocked requests            connections
11000012   747.33M  1       0       13889658 (+0)       1056
11000012   747.33M  1       0       13889659 (+1)       1056
11000012   747.33M  1       0       13889660 (+1)       1056
11000012   747.33M  1       0       13889661 (+1)       1056
```

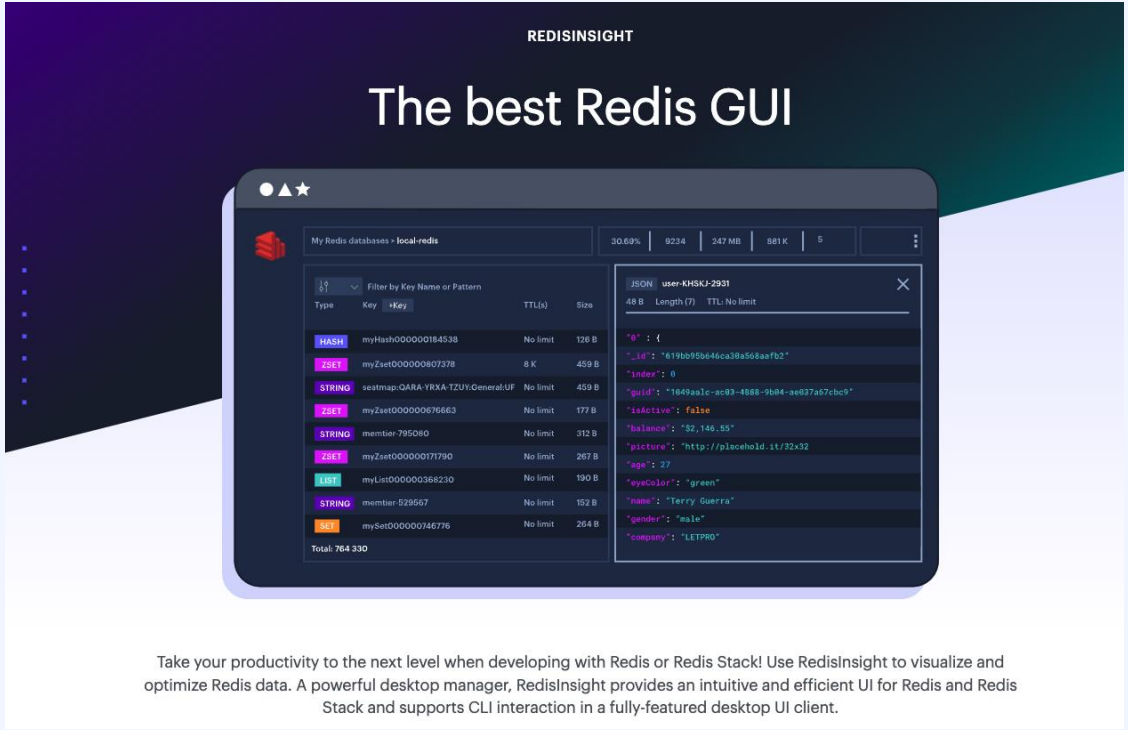
Redis CLI

유용한 명령어

```
127.0.0.1:6379> SELECT 0
OK
127.0.0.1:6379> SELECT 1
OK
127.0.0.1:6379[1]> SELECT 2
OK
127.0.0.1:6379[2]>
```

Redis CLI

Redis GUI



Take your productivity to the next level when developing with Redis or Redis Stack! Use RedisInsight to visualize and optimize Redis data. A powerful desktop manager, RedisInsight provides an intuitive and efficient UI for Redis and Redis Stack and supports CLI interaction in a fully-featured desktop UI client.

Windows
macOS
Linux

출처: https://redis.com/redis-enterprise/redis-insight/

Redis CLI

실습

마무리

1. Redis CLI
2. Redisinsight