

REDIS

Basic :

Key - value

Single Item:

```
gurukishore@Gurus-Air ~ % redis-cli
127.0.0.1:6379> SET name Gk
OK
127.0.0.1:6379> GET name
"Gk"
127.0.0.1:6379> get age "20"
(error) ERR wrong number of arguments for 'get' command
127.0.0.1:6379> set age "20"
OK
127.0.0.1:6379> get age
"20"
127.0.0.1:6379> exits name
(error) ERR unknown command `exits`, with args beginning with: `name`,
127.0.0.1:6379> exists name
(integer) 1
127.0.0.1:6379> keys *
1) "age"
2) "name"
127.0.0.1:6379> flushall
OK
127.0.0.1:6379> keys *
(empty array)
```

Timing EXPIRATION:

```
127.0.0.1:6379> ttl name
(integer) -1
127.0.0.1:6379> expire name 10
(integer) 1
127.0.0.1:6379> ttl name
(integer) 6
127.0.0.1:6379> ttl name
(integer) -2
127.0.0.1:6379> get name
(nil)
127.0.0.1:6379> setex name 10 guru
OK
127.0.0.1:6379> ttl name
(integer) 8
127.0.0.1:6379> ttl name
(integer) 5
127.0.0.1:6379> ttl name
(integer) 3
127.0.0.1:6379> ttl name
(integer) -2
127.0.0.1:6379> ttl name
(integer) -2
127.0.0.1:6379> get name
```

(nil)

Lists:

```
127.0.0.1:6379> lpush friends john
(integer) 1
127.0.0.1:6379> keys *
1) "friends"
127.0.0.1:6379> lrange friends 0 -1
1) "john"
127.0.0.1:6379> lpush friends doe
(integer) 2
127.0.0.1:6379> lrange friends 0 -1
1) "doe"
2) "john"
127.0.0.1:6379> rpush friends mike
(integer) 3
127.0.0.1:6379> lrange friends 0 -1
1) "doe"
2) "john"
3) "mike"
127.0.0.1:6379> lpop friends
"doe"
127.0.0.1:6379> rpop friends
"mike"
127.0.0.1:6379> lrange friends 0 -1
1) "john"
127.0.0.1:6379>
```

SETS:

```
127.0.0.1:6379> sadd hobbies "weight lifting"
(integer) 1
127.0.0.1:6379> SMEMBERS hobbies
1) "weight lifting"
127.0.0.1:6379> sadd hobbies "weight lifting"
(integer) 0
127.0.0.1:6379> SMEMBERS hobbies
1) "weight lifting"
127.0.0.1:6379> sadd hobbies "playing game"
(integer) 1
127.0.0.1:6379> SMEMBERS hobbies
1) "weight lifting"
2) "playing game"
127.0.0.1:6379> srem hobbies "weight lifting"
(integer) 1
127.0.0.1:6379> srem hobbies "playing game"
(integer) 1
127.0.0.1:6379> SMEMBERS hobbies
(empty array)
127.0.0.1:6379>
```

Hashes:

```
127.0.0.1:6379> hset person name guru
(integer) 1
127.0.0.1:6379> hget person name
```

```
"guru"
127.0.0.1:6379> hget all person
(nil)
127.0.0.1:6379> hgetall person
1) "name"
2) "guru"
127.0.0.1:6379> hset person age 20
(integer) 1
127.0.0.1:6379> hgetall person
1) "name"
2) "guru"
3) "age"
4) "20"
127.0.0.1:6379> hget person name
"guru"
127.0.0.1:6379> hget person age
"20"
127.0.0.1:6379> hgetall person
1) "name"
2) "guru"
3) "age"
4) "20"
127.0.0.1:6379> hdel person
(error) ERR wrong number of arguments for 'hdel' command
127.0.0.1:6379> hdel person age
(integer) 1
127.0.0.1:6379> hgetall person
1) "name"
2) "guru"
127.0.0.1:6379> hexists person age
(integer) 0
127.0.0.1:6379> hexists person name
(integer) 1
127.0.0.1:6379>
```