

Redis Cheatsheet

Connection

Connect to Redis server on localhost with default port

```
redis-cli
```

Connect to Redis server with specified hostname and port

```
redis-cli -h <hostname> -p <port>
```

Connect with password

```
redis-cli -a <password>
```

Connect using URI format

```
redis-cli -u redis://user:password@host:port
```

Server Information

Get information and statistics about the server

```
INFO
```

Get memory-specific information

```
INFO memory
```

Get CPU-specific information

```
INFO cpu
```

Get connected clients information

```
INFO clients
```

Get general statistics

```
INFO stats
```

Get general statistics

```
INFO stats
```

Get general statistics

```
INFO stats
```

Get general statistics

```
INFO stats
```

Memory Analysis

Estimate memory usage of a key

```
MEMORY USAGE <key>
```

Get memory usage details

```
MEMORY STATS
```

Output memory problems report

```
MEMORY DOCTOR
```

Attempt to purge dirty pages for memory reclaiming

```
MEMORY PURGE
```

Performance Metrics

Get the slow logs (commands that exceeded execution time limits)

```
SLOWLOG GET [count]
```

Get slow log length

```
SLOWLOG LEN
```

Clear all slow log entries

```
SLOWLOG RESET
```

Get analysis report about Redis latency

```
LATENCY DOCTOR
```

Return timestamp-latency samples for the event

```
LATENCY HISTORY <event>
```

Database Inspection

Return the number of keys in the selected database

```
DBSIZE
```

Find all keys matching the pattern (expensive in production)

```
KEYS <pattern>
```

Incrementally iterate the keys (preferred over KEYS)

```
SCAN <cursor> [MATCH pattern] [COUNT count]
```

Determine the type stored at key

```
TYPE <key>
```

Keyspace Analysis

Get statistics about keyspace

```
INFO keyspace
```

Return a random key from the keyspace

```
RANDOMKEY
```

Get the time to live for a key in seconds

```
TTL <key>
```

Get the time to live for a key in milliseconds

```
PTTL <key>
```

Configuration

Get the value of a configuration parameter

```
CONFIG GET <parameter>
```

Get all configuration parameters

```
CONFIG GET *
```

Rewrite the configuration file with the current configuration

```
CONFIG REWRITE
```