Redis

13 Keys, Scan 명령어

Single thread

Key, Scan 명령어
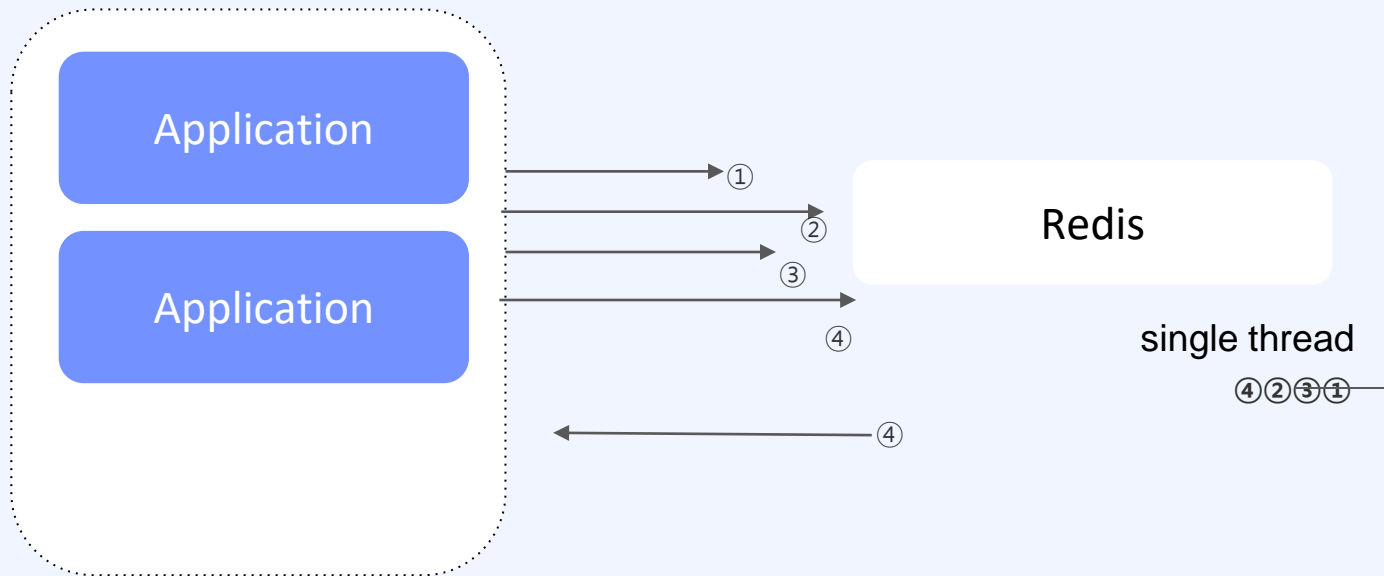
O(1)

O(n)

command

- **KEYS**

command (1)

- **KEYS**

keys *

Application

Redis

10,000,000
1) "emal"
2) "name"
.
.
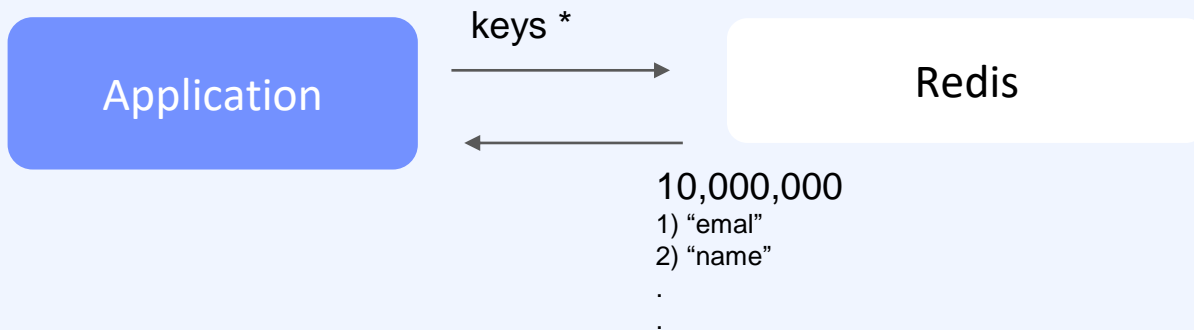
command (2)

- Data type
  - LINSERT(List)
  - HKEYS, HGETALL(Hash)
  - SMEMERS(Set)

command

- Keys -> Scan

Key, Scan 명령어   Scan

SCAN

Syntax

```
SCAN cursor [MATCH pattern] [COUNT count] [TYPE type]
```

Available since: 2.8.0
Time complexity: O(1) for every call. O(N) for a complete iteration, including enough
command calls for the cursor to return back to 0. N is the number of
elements inside the collection.
ACL categories: `@keyspace`, `@read`, `@slow`

The `SCAN` command and the closely related commands `SSCAN`, `HSCAN` and `ZSCAN` are used
in order to incrementally iterate over a collection of elements.

- `SCAN` iterates the set of keys in the currently selected Redis database.

- `SSCAN` iterates elements of Sets types.

- `HSCAN` iterates fields of Hash types and their associated values.

- `ZSCAN` iterates elements of Sorted Set types and their associated scores.

출처:https://redis.io/commands/scan/

실습