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KEYS

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Commands

ACL CAT

ACL DELUSER

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ACL GETUSER

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ACL LOAD

ACL LOG

ACL SAVE

ACL SETUSER

ACL USERS

ACL WHOAMI

APPEND

ASKING

AUTH

BF.ADD

BF.CARD

BF.EXISTS

BF.INFO

BF.INSERT

BF.LOADCHUNK

BF.MADD

BF.MEXISTS

```
KEYS pattern
```

Available since: 1.0.0

Time complexity: O(N) with N being the number of keys in the database, under the assumption that the key names in the database and the given pattern have limited length.

ACL categories: `@keyspace`, `@read`, `@slow`, `@dangerous`

Returns all keys matching `pattern`.

While the time complexity for this operation is O(N), the constant times are fairly low. For example, Redis running on an entry level laptop can scan a 1 million key database in 40 milliseconds.

Warning: consider `KEYS` as a command that should only be used in production environments with extreme care. It may ruin performance when it is executed against large databases. This command is intended for debugging and special operations, such as changing your keyspace layout. Don't use `KEYS` in your regular application code. If you're looking for a way to find keys in a subset of your keyspace, consider using `SCAN` or sets.

Supported glob-style patterns:

- `h?llo` matches `hello`, `hallo` and `hxllo`

- `h*llo` matches `hllo` and `heeeello`

- `h[ae]llo` matches `hello` and `hallo,` but not `hillo`

- `h[^e]llo` matches `hallo`, `hbllo`, ... but not `hello`

- `h[a-b]llo` matches `hallo` and `hbllo`

Use `\` to escape special characters if you want to match them verbatim.

Examples

```
●▲★
```

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See also

`COPY`

`DEL`

`DUMP`

`EXISTS`

`EXPIRE`

`EXPIREAT`

`EXPIRETIME`

`KEYS`

`MIGRATE`

`MOVE`

`OBJECT ENCODING`

`OBJECT FREQ`

`OBJECT IDLETIME`

`OBJECT REFCOUNT`

`PERSIST`

`PEXPIRE`

`PEXPIREAT`

`PEXPIRETIME`

```
redis> MSET firstname Jack lastname Stuntman age 35
"OK"
redis> KEYS *name*
1) "firstname"
2) "lastname"
redis> KEYS a??
1) "age"
redis> KEYS *
1) "firstname"
2) "age"
3) "lastname"
redis>
```

RESP2/RESP3 Reply

Array reply: a list of keys matching *pattern*.

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