

# redis

## concepts

- [<https://medium.com/@stockholmux/from-sql-to-redis-chapter-1-145c82e4baa0> | from sql to redis]

type **hash** for **tables and rows**

namespace:table:id

```
INCR gianoauth:realm:next_user_id => 1
HSET gianoauth:realm:user:1 id 1 username "scipio" name "Stefano Scipioni"
password "hash"
```

add an INDEX with **sets**: collections of strings that are unordered and cannot contain duplicates

```
SADD gianoauth:realm:all-users gianoauth:realms:users:1
```

use multi exec to surround HSET and SADD

```
MULTI
HSET ...
HSET ...
SADD ...
EXEC
```

**sorted set**: like a set a sorted set only allows members without repeats, but also allows you to specify a score

```
ZADD gianoauth:realms:priceIndex 10.99 scipio
```

## gui

- [fastoredis](#)

## server

```
sudo apt install -y redis-server redis-tools
```

From:

<https://wiki.csgalileo.org/> - **Galileo Labs**

Permanent link:

<https://wiki.csgalileo.org/tips/db/redis?rev=1509993553>

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