Redis

From Zero ➜ Hero

- Redis Setup

- Practical Demonstration

Redis Setup

Redis Server/CLI

Use docker if possible
- docker-compose file
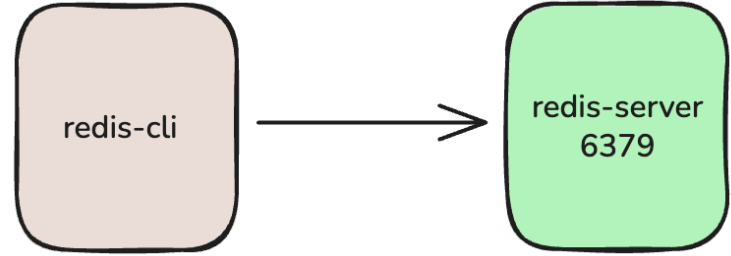
Mac Users:
  brew update
  brew install redis

use:
terminal 1: redis-server
terminal 2: redis-cli

```
redis-cli ──────────────▶ redis-server
                                6379
```

Redis: Key-Value

- Simple Key Value Store.

- Redis is simple- Key and Values are simple strings.

- 2^{32} keys (>4 billion keys)

- 512 MB max size

Practical Demonstration

SET / GET Commands

Redis: Key-Value

- There is no table/collection concept in Redis

- Redis encourages developers to follow their own standards for key names.

users table

id	name	email	age
100	Rahul	r@abc.com	25
101	Ravi	ravi@abc.com	27

REST Endpoints
/user/100
/user/100/name

Redis Key Pattern
user:100
user:100:name

movie_show table

show_id	movie_name	screen	city	start_time	available_seats
800	Dhurandar	screen 1	Gurgaon	18:30	120
801	Inception	screen 3	Gurgaon	21:00	80

REST Endpoints
/show/800
/show/800/available_seats

Redis Key Pattern
show:800
show:800:available_seats

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With Suhail

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Next Video: Redis commands and coding in Java