In Memory Database | Fast | RAM | Single threaded | Event loop

NoSQL

Key-Value Pair

Redis work inside RAM

**redis-server** to start the redis server

**redis-cli** to start redis cli

**SET <key> <value>** to set the key to a value

**GET <key>** to get the key

**DEL <key>** to delete the key from database

**EXISTS <key>** to check key exist in db

0 => not exist

1 => exist

**KEYS \*** return all the keys

**KEYS <a| pattern>**return all the keys start with a

**flushall** to clear everything

**ttl <key>** time to live

-1 = non expiry data

-2 = deleted

0, 1, .. = sec remaning to get deleted

**expire <key> 10** to expire key in 10 sec

List Operation

**lpush <list> <value1>** to left push one item to the list

**lrange <list> 0 -1** to get the list item

0 => start index

-1 => end index

**lpop <list>** to remove a left item from array

**rpop <list>, rpush <list> <val>**

Set Operations

**SADD <set> <value>** to add a item to set

**SMEMBERS <set>** to get the item of set

**SREM <set> <value>** to remove an item from set

Hash Operations

**HSET <hash> <key> <value>** to create a hash

**HGET <hash| person> <key| name>** to get value of key i.e name from person hash

**HGETALL <hash>** to get everything from the hash

**HDEL <hash> <key>**to delete the key item from the hash

**HEXISTS <hash> <key>** to check item exists in hash