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# Redis Interview Questions - Set 1

## Redis Interview Questions

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# redis

## interview questions

This page contains Redis interview questions and answers.

### Q1: What is Redis?

Redis is an open source, advance key-value data store and cache.

It is also referred as a data structure server as it can store hashes, sets, lists, and sorted sets.

### Q2: What does Redis stands for?

Redis stands for **REmote DIctionary Server**.

### Q3: How is Redis different from MySQL?

MySQL is a RDBMS i.e. a SQL database whereas Redis is a NoSQL in-memory data store and cache.

## Q4: In which language Redis is developed?

Redis is written in ANSI C.

## Q5: How will you interact with Redis?

To interact with Redis we use the `redis-cli` command (Redis Client) and this connects us with the Redis server.

## Q6: List the advantages of Redis?

Following are some of the advantages of Redis.

- It is very fast.
- Supports different data types like hash, set and sorted set.
- Has rich client side libraries.
- Performs atomic operations.

## Q7: List the disadvantages of Redis?

Following are some of the disadvantages of Redis.

- It is single threaded.
- Significant persistence overhead.
- Not widely deployed.
- Limited client support for consistent hashing.

## Q8: What is redis-cli?

`redis-cli` is the Redis command line interface.

It is a simple program that allows us to send commands to the Redis server and receive response all in the terminal.

## Q9: Name some of the languages supported by Redis

Following are some of the languages supported by Redis.

- PHP
- Python
- C++
- Java
- C#

## Q10: Name some of the companies using Redis

Following are some of the companies using Redis.

- Stack Overflow
- Twitter
- GitHub

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