REDIS – Remote Dictionary Server

* Advanced No-SQL key value data store used as database ,cache and message broker
* Fast read write operations (data stores in memory), rich data types and advances memory structure
* Ideal for developing high performance , scalable application.
* Written in C language
* Data Structure Server – key contains String ,hashes,lists ,sets ,sorted sets bitmaps and hyperlogs.
* Redis used by large organisation like Twitter,Github,Instagram,Pinterest and SnapChat

Advantage:

Speed – Redis is very fast . It can perfrom 110,00 SETS per second and 81000 GET per second

Support rich data types – Uses list ,set and sorted set and hashes

Operations are atomic – Enusre 2 clients access data concurrently , Redis server will receive an updated alue.

Versatile uses : Redis can be used for caching , messaging queues and shortlived data such as we bapplication sessions.

Easy to setup.

<https://learningdaily.dev/what-is-redis-get-started-with-data-types-commands-and-more-98b30266740c>