

redis.io

Mathieu Carbou, 01/12/2011



montreal-jug.org

<https://github.com/Ovea/conf-redis>

Site: <http://lab.ovea.com/>

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Overview

1. No-SQL DB
2. key-value
3. Client-server
4. Many languages
5. Performance !
6. Easy to use !

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Features

1. Data structures
2. Atomic ops
3. Replication
4. Persistence / volatile
5. Pipelining
6. Publish / Subscribe
7. Bytes / Characters
8. Debug

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Coming soon...

1. Scripting support (LUA)
2. Clustering
3. Server events

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Who is using...

1. GitHub
2. Craigslist
3. Blizzard
4. Digg
5. StackOverflow
6. Twitter
7. Flickr

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For what ?

1. Storage
2. Caching
3. Clustering
4. Messaging system
5. Synchronization
6. . . .

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Tutorial

<http://try.redis-db.com/>

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Commands

1. `redis-server`
2. `redis-cli`
3. Full list: <http://redis.io/>
4. Useful: *redis-cli monitor*

jedis

<https://github.com/xetorthio/jedis>

```
<dependency>  
  <groupId>redis.clients</groupId>  
  <artifactId>jedis</artifactId>  
  <version>2.0.0</version>  
</dependency>
```

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Features

1. Transactions
2. Pooling
3. Pipelining
4. Publish/Subscribe
5. Sharding
6. Scripting

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Use Cases

Jetty Session clustering

<https://github.com/Ovea/jetty-session-redis/>

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redis.io

QUESTIONS ?



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