MONGODB OR MONGOOSEJS OR MONGOJS

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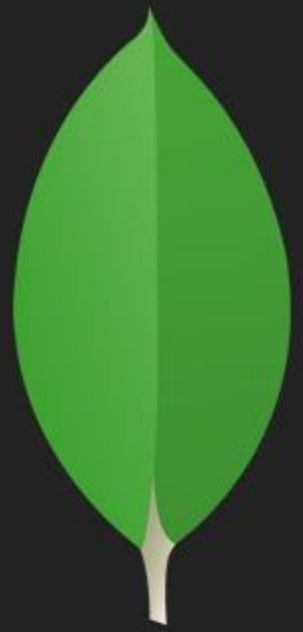
NoSQL

- Database provides a mechanism for storage and retrieval of data which is modeled in means other than the tabular relations used in relational databases.

Types of NoSQL Databases

- Key-value stores
- Wide-column stores
- Document databases
- Graph databases



mongoDB

explore and more...

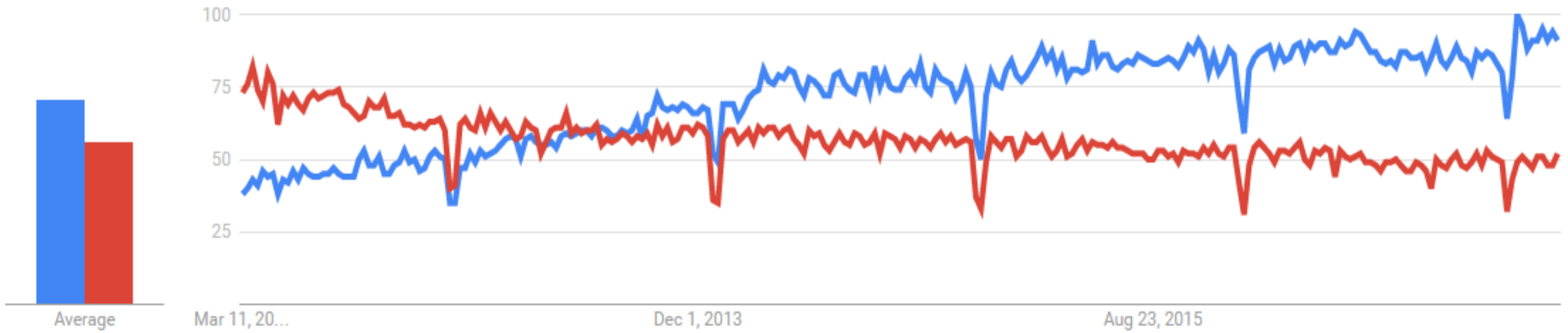
MongoDB
Search term

MSSQL
Search term

+ Add comparison

Worldwide | Past 5 years | All categories | Web Search

Interest over time



MongoDB
Search term

Cassandra
Topic

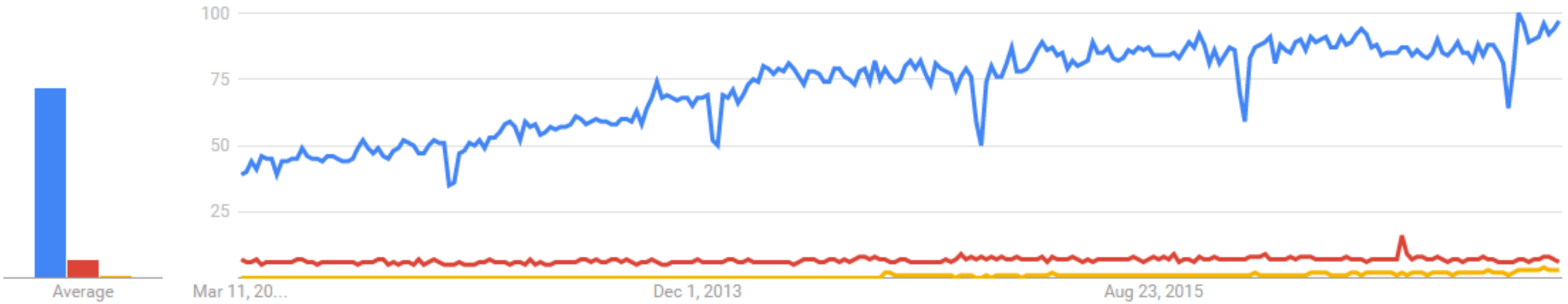
DocumentDB
Topic

+ Add comparison

Worldwide | Past 5 years | All categories | Web Search

Search terms match specific words; topics are concepts that match similar terms in any language. Learn more

Interest over time



MongoDB is a...

- Open source
- Document oriented
- Non-relational & Schema-less
- Scalable
- High performance
- Full featured

... database

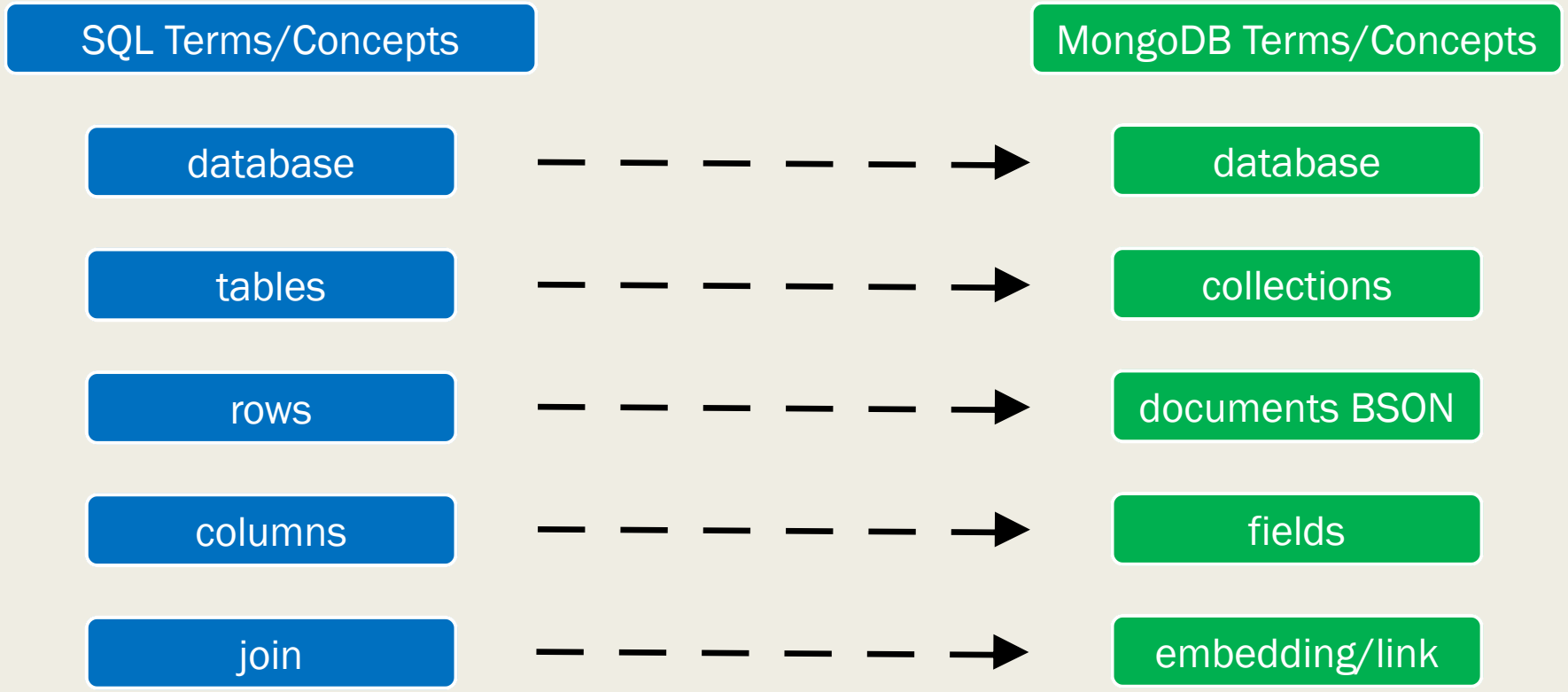
Open source

- Source and supported drivers are open source and hosted at Github:
  - *https://github.com/mongodb*

Languages compatibility

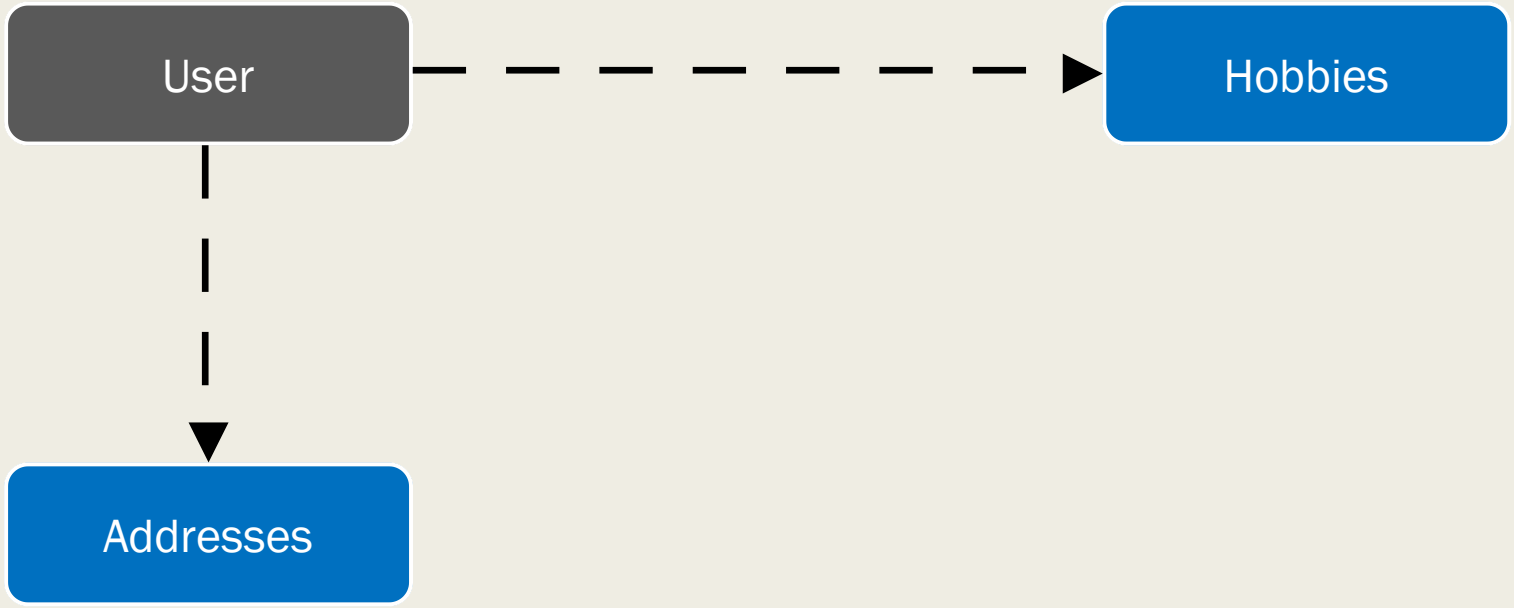
- C
- C++
- C#
- Java
- Perl
- PHP
- Erlang
- Python
- Motor
- Ruby
- Scala
- Go
- NodeJS

Document oriented



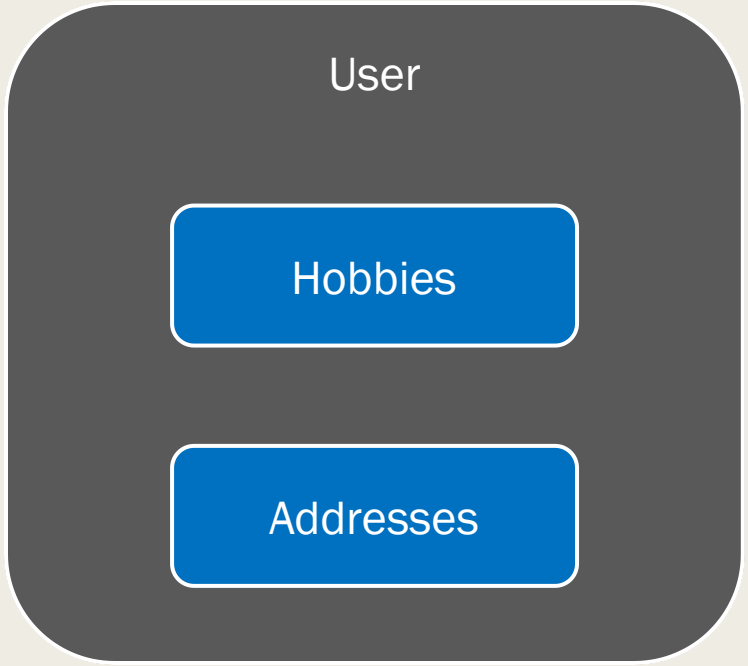
Non-relational & Schema-less

RDBMS



Non-relational & Schema-less

Non-Relational Data Model



- With MonogDB we can store related content in the same document

Full featured

Geospatial features

- Geospatial indexes to support geographic data structures
- GeoJson
- 2d support for Flat/ Euclidean place distance calculation

Full featured

Management Service

- Service status monitoring
- Custom, metrics-based alert
- Fully managed backups
- ...

How to use mongoDB with NodeJS?

- Mongoose
- MongoJS

MongoJS

- The official MongoDB Node.js driver provides both callback based as well as Promised based interaction with MongoDB allowing applications to take full advantage of the new features in ES6. The 2.x series of the driver is powered by a brand new core driver and bson library.

DEMO MONGOJS

ex6