LOGIN2XPLORE

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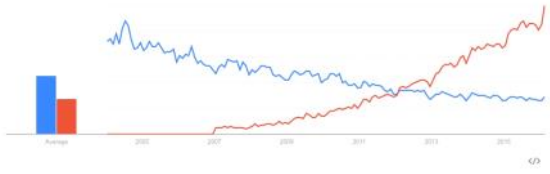
JSON data - Fastest Growing Trend

JavaScript Object Notation (JSON) is having explosive growth in recent years and is slowly becoming the de-facto standard for data and communications.



Technology, Cost and Speed Matters

If a query runs 10 times faster on a new technology database, theoretically it should reduce the cost of infrastructure by 10 times. Practically, may be 7 to 9 times or may be more, and its considerable cost saving. (7 to 9 systems with a load balancer may get reduced to just one system handling the same workload).

Market will always welcome such new technology with improved performance and efficiency and with considerably reduced the cost of ownership.

JsonPowerDB - Features

- ➔Nimble, Simple to use, In Memory, Real-time
- ➔**Schema free** - easy to maintain.
- ➔**Serverless Support** - fast development - cuts time to market
- ➔**Multi-Mode** database - one solution to variety of data
- ➔Build around worlds fastest* indexing engine **PowerIndex**
- ➔Webservices API - low development cost
- ➔A Single Instance - **Million Indexes**
- ➔Inbuilt support for Querying Multiple Databases
- ➔Multiple security layers
- ➔**Server Side** Native **NoSQL** - best performance.

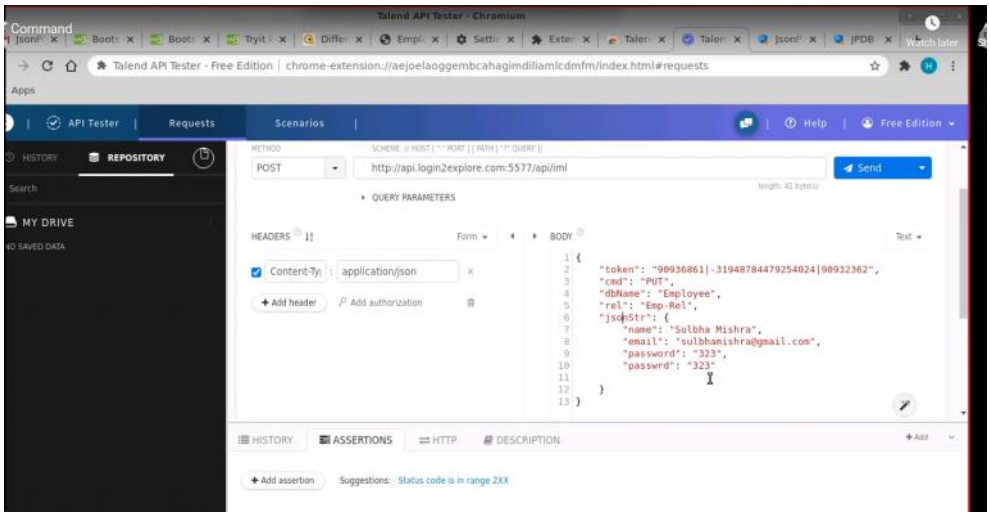
Schema free :- no predefined structure
Security layers
Simple to use
Multi mode database :- one solution to variety of data
Server side Native NoSQL :- Best Performance

	MongoDB	MySQL	Redis	HBase	Influx DB	JsonPower DB
Document DB	Yes					Yes
Key-Value DB			Yes			Yes
RDBMS		Yes				Yes
GeoSpatial			Yes			Yes
Time Series DB					Yes	Yes
Wide Column Stores				Yes		Yes

Why Prefer JsonPowerDB

- Minimum Development Cost.
- Minimum Time to Market.
- Minimize the complexity of interoperability of different applications.
- Maximum data processing performance.
- Technology Futuristic.
  - Fills gap from database to big-data.
  - Pluggable with new algorithms.
  - Pluggable and user defined API.
- Minimize Total Cost of Ownership.

Iml is for Index Manipulation Language



In relational database first you need to create the database and its schema like rows name etc but in JSON you don't need to do it

CRUD :- create read update delete
So in json we do first create the date
Then retrieve the data(means reading the data) then update the data and then delete the data