What is the difference between JSON and BSON? Essentially, it boils down to the fact that BSON is just Binary JSON. We all know that binary is the machine language for everything based made up of a collection of 1s and 0. What many people, myself included until recently@ may not know is that “JSON is a text-based, human-readable information compatibility organize utilized for speaking to basic information structures and objects in web browser-based code.” (GeeksforGeeks, 2022)

JSON was originally presented as the page scripting dialect for the Netscape Pilot Web browser, and is superior to XML in speed, structured data, and its ease of readability. Its code is human readable, making it easier to debug when necessary. It shows up in APIs, configuration files, log messages, and of course, database management.

BSON, being Binary, is simply a version in which learning to read it could take quite a while to learn, and ever if you did, the slightest mistake would change the meaning of everything. BSON is also said to support more data types than JSON according to MongoDB’s website, and the binary code can only, making it more secure than JSON.

GeeksforGeeks listed a few advantages of BSON on their site.

* “BSON way better underpins dates and binary data.
* BSON records tend to be littler than JSON records, which is the most reason for utilizing its interior MongoDB.
* The BSON sort arrange is exceedingly traversable and quick in nature. Interior BSON objects file can be built and the objects are coordinated against inquiry expressions on the beat level and BSON keys.
* Using it was the local sorts of the dialect and the provided sorts such as the ObjectID are all that’s required for the mapping to be done to the BSON sort.” (GeeksforGeeks, 2020)

References:

*Difference between JSON and Bson*. GeeksforGeeks. (2020, July 29). Retrieved June 17, 2022, from https://www.geeksforgeeks.org/difference-between-json-and-bson/

*Difference between JSON and Bson*. GeeksforGeeks. (2020, July 29). Retrieved June 17, 2022, from https://www.geeksforgeeks.org/difference-between-json-and-bson/

*JSON and Bson*. MongoDB. (n.d.). Retrieved June 17, 2022, from https://www.mongodb.com/json-and-bson