

Data Types



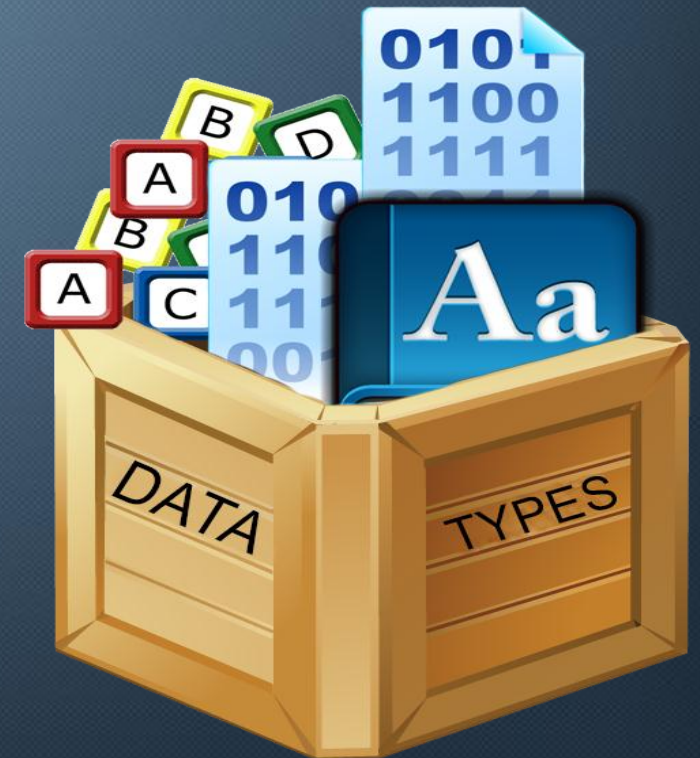
MongoDB supports a wide range of data types as values in documents.

MongoDB adds support for a number of additional data types while keeping JSON's essential key/value pair nature.

Documents in MongoDB can be thought of as "JSON-like" in that they are conceptually similar to objects in JavaScript.

The list of the commonly supported types and how they are represented as part of a document in shell.

- null
- Boolean
- number
- string
- date
- array
- object id
- regular expression
- embedded document





null

- Null can be used to represent both a null value and a nonexistent field
- eg : { "a" : null }

boolean

- There is a Boolean type, which can be used for the value true and false
- eg : { "a" : true }



number

- The shell default to using 64-bit floating point numbers.
- eg : { "a" : 41.34 }

string

- Any string of UTF-8 character can be represented using the string type.
- eg : { "a" : "Hello" }



date

- Dates are stored as milliseconds since the epoch.
- eg : { "a" : new Date() }

array

- Sets or lists of values can be represented as arrays.
- eg : { "a" : ["x", "y", "z"] }



embedded document

- Documents can contain entire document embedded as values in parent document.
- eg : { "a" : { "x" : "Hello!" } }

object id

- An object id is a 12-byte ID for documents.
- eg : { "a" : ObjectId() }