

Mongoose ODM

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MongoDB

- MongoDB stores data in the form of documents
- No structure imposed on the document
 - Any document can be stored in any collection
 - Relies on developer's discipline to maintain the structure of the documents

Mongoose

- Mongoose ODM
 - Object Data Model
 - Object Document Mapping
 - Object relational mapping (ORM)
- Adds structure to MongoDB documents through schema

Mongoose Schema

- Schema:
 - Structure of the data to be stored
 - Defines all the fields of your document and their types
 - Can do validation
- Schema types: String, Number, Date, Buffer, Boolean, Mixed, ObjectId, Array
- Schema is used to create a Model function
- Schemas can be nested to enable supporting embedded or subdocuments

Promises and Bluebird

- Mongoose allows you to plugin third-party promise library
- Bluebird is a popular promise library
 - Pragmatic, full-featured, easy to debug, spec compatible with native promises
 - Can convert a promise-unaware API to a promise-returning API