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| TOPIC/TITLE  integrated mongoDB database inside Node.js | |
| Keywords/Questions  2 ways  MongoDB native driver  Copy in you app.js  Insert document  Find documents | Notes : |
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| To integrate mongoDB database with Node.js you can use native MongoDb driver or using an ODM (mongoose) |
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| https://docs.mongodb.com/drivers/node/ |
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| Inside your folder projext after having initialized npm (you can use npm init –y in order to avoid to answer all the questions) |
| Npm I mongodb |
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| **const** MongoClient = require(**'mongodb'**).MongoClient;  **const** assert = require(**'assert'**);  *// Connection URL*  **const** url = **'mongodb://localhost:27017'**;  *// Database Name*  **const** dbName = **'myproject'**;  *// Create a new MongoClient*  **const** client = **new** MongoClient(url);  *// Use connect method to connect to the Server*  client.connect(**function**(err) {  assert.equal(**null**, err);  console.log(**"Connected successfully to server"**);  **const** db = client.db(dbName);  client.close();  }); |
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| Don’t forget you have to open a new window in you HT and type mongod to run mongoDB sevrver |
| Then node app.js |
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| **const insertDocuments = function(db, callback) {**  **// Get the documents collection**  **const collection = db.collection('fruits');**  **// Insert some documents**  **collection.insertMany([**  **{name : "Apple",**  **scorre:8.5,**  **review:"great fruit"**  **},**  **{name : "Banana",**  **scorre:5,**  **review:"hum"**  **},**  **{name : "durian",**  **scorre:0.5,**  **review:"yerk"**  **}**  **], function(err, result) {**  **assert.equal(err, null);**  **assert.equal(3, result.result.n);**  **assert.equal(3, result.ops.length);**  **console.log("Inserted 3 documents into the collection");**  **callback(result);**  **});**  **}** |
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| **const** findDocuments = **function**(db, callback) {  *// Get the documents collection*  **const** collection = db.collection(**'documents'**);  *// Find some documents*  collection.find({}).toArray(**function**(err, docs) {  assert.equal(err, **null**);  console.log(**"Found the following records"**);  console.log(docs)  callback(docs);  });  } |
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| http://mongodb.github.io/node-mongodb-native/3.6/quick-start/quick-start/ | |