Connecting to mongoDB

<https://www.npmjs.com/package/mongodb>

help at <http://mongodb.github.io/node-mongodb-native/contents.html>

download npm at <https://www.npmjs.com/package/mongodb>

to access the database locally using 3rd part software

download <https://robomongo.org/>

<http://www.informit.com/articles/article.aspx?p=2301560>

<https://www.youtube.com/watch?v=Do_Hsb_Hs3c>

**How to connect database with node**

**npm install mongodb –save**

create a file to handle database functions

Require the Npm module we just installed and set variables for the URL, username and password (if necessary)

**MongoClient = require('mongodb').MongoClient,**

**dburl= "mongodb://URL:PortNumber/yourDatabaseName";**

**usr = "UserName";**

**pass = "Password";**

connect to mongo batabase

**exports.connect = function(){**

**MongoClient.connect(dburl, function(err, db) {**

**console.log("Connected correctly to server");**

**})**

**}**

Or connect and authenticate

**exports.connect = function(){**

**MongoClient.connect(dburl, function(err, db) {**

**db.authenticate(usr, pass, function(err, result) {**

**doSomething(db, function() {**

**});**

**})**

**})**

**}**

Example

Connect, Authenticate, and read from database table “test”

**findDocuments = function(db, callback) {**

**// Get the documents collection**

**var collection = db.collection('test');**

**// Find some documents**

**collection.find({}).toArray(function(err, docs) {**

**console.log("Found the following records");**

**console.dir(docs);**

**callback(docs);**

**});**

**},**

**// Use connect method to connect to the Server**

**exports.connect = function(){**

**MongoClient.connect(dburl, function(err, db) {**

**console.log("Connected correctly to server");**

**db.authenticate(usr, pass, function(err, result) {**

**findDocuments(db, function() {**

**db.close();**

**});**

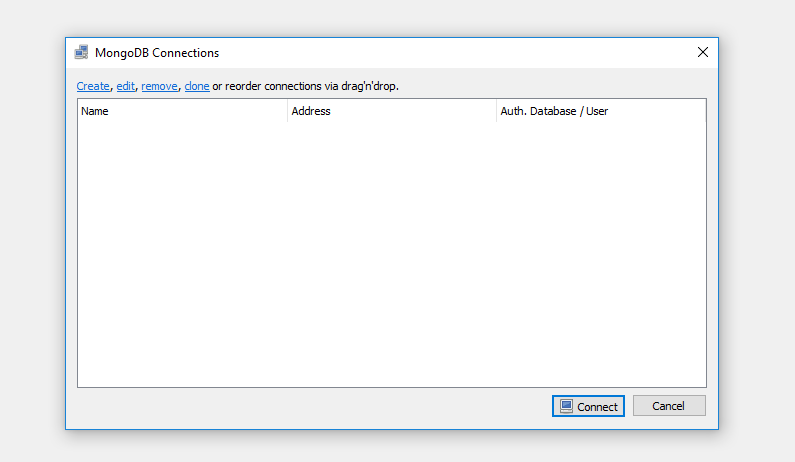
**});**

**})**

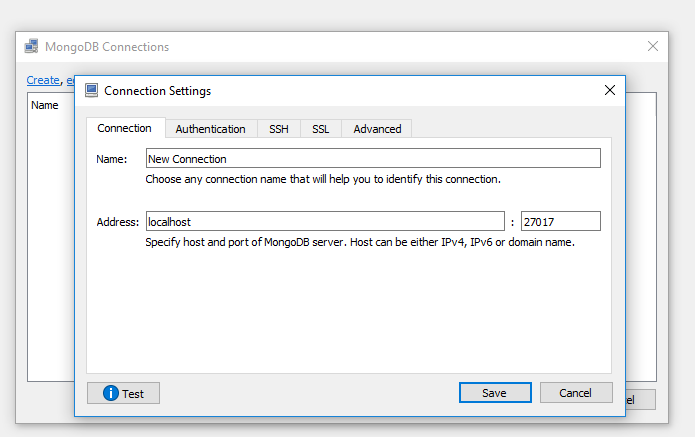
**},**

**How to connect Robomongo to your database**

create a new connection, by clicking the top left “create” button

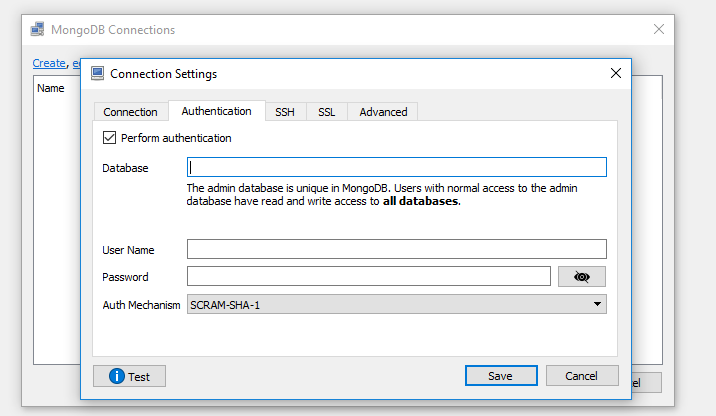


Input the name you would like to call this connection, and then supply it with the correct address and port number



Next we need to add authentication

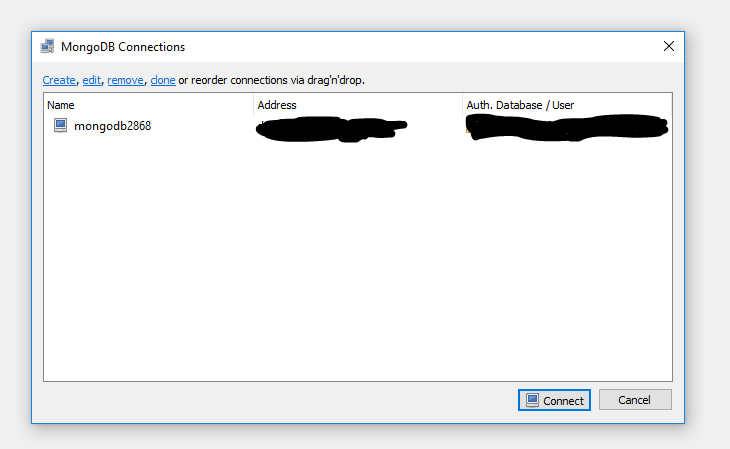
Enter the database name, username and password.



For me I changed the security to MONGODB-CR



Then finally you have robomongo setup to connect to your database.



This is what you will see once you connect

