**Node.js – Create Collection in MongoDB**

We can create a collection in MongoDB database from Node.js program.

In this [Node.js Tutorial](https://www.tutorialkart.com/nodejs/nodejs-tutorial/), we shall learn to Create Collection in MongoDB Database from Node.js Application, using db.createCollection() method, with an example.

### **Steps to Create Collection in MongoDB via Node.js**

Following is a step by step guide with an example to create a collection in MongoDB from Node.js Application.

**Step 1:** Start MongoDB Service.

Run the following command to start MongoDB Service.

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| sudo service mongod start |

**Step 2:** Get the base URL to MongoDB Service.

A simple hack to know the base url of MongoDB Service is to Open a Terminal and run [Mongo Shell](https://www.tutorialkart.com/mongodb/mongo-shell/). While the Mongo Shell starts up, it echoes back the base url of MongoDB.

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| mongodb://127.0.0.1:27017 |

**Step 3:** Prepare the complete URL.

Append the Database name you want to connect to (say **newdb**), to the base URL.

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| mongodb://127.0.0.1:27017/newdb |

**Step 4:** Create a MongoClient.

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| --- | --- |
| var MongoClient = require('mongodb').MongoClient;  **Step 5:** Make connection from MongoClient to the MongoDB Server with the help of URL.   |  | | --- | | MongoClient.connect(url, <callback\_function>); |   Once the MongoClient is done trying to make a connection, the [callback function](https://www.tutorialkart.com/nodejs/node-js-callback-function/) receives error and db object as arguments.  If the connection is successful, the db object points to the database, **newdb**.  **Step 6:** Create a MongoDB Collection in the database.  Following is the syntax of createCollection() method used to create collection in MongoDB from Node.js. |

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| --- | --- | --- | --- |
| db.createCollection(<collection\_name>, <callback\_function>) | | | |
| **collection\_name** | Name of the new MongoDB Collection, that we would like to create |
| **callback\_function** | This [Node.js Callback Function](https://www.tutorialkart.com/nodejs/node-js-callback-function/) is called after Node has tried creating a collection, and ready with the result. The callback function receives error and result object as arguments. |

### **Example 1 – Create Collection in MongoDB via Node.js**

In this example, we will connect to a MongoDB Database and create a collection named “users”.

**node-js-mongodb-create-collection.js**

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| // we create 'users' collection in newdb database  var url = "mongodb://localhost:27017/newdb";    // create a client to mongodb  var MongoClient = require('mongodb').MongoClient;    // make client connect to mongo service  MongoClient.connect(url, function(err, db) {      if (err) throw err;      // db pointing to newdb |

console.log("Switched to "+db.databaseName+" database");

    // create 'users' collection in newdb database

    db.createCollection("users", function(err, result) {

        if (err) throw err;

        console.log("Collection is created!");

        // close the connection to db when you are done with it

        db.close();

    });

});