

MongoDB – Node.js Programming

Set Up Environment

- Node.js
<https://medium.com/@adnanrahic/hello-world-app-with-node-js-and-express-c1eb7cfa8a30>
- Node.js Driver for MongoDB
<http://mongodb.github.io/node-mongodb-native/3.0/installation-guide/installation-guide/>

```
const MongoClient = require('mongodb').MongoClient;
const assert = require('assert');

// Server URL
var url = 'mongodb://YourUserName:YourPassword@YourHostName.mlab.com:YourPort#/YourDatabase'

// Database Name
const dbName = 'YourDatabase';


// Use connect method to connect to the server
MongoClient.connect(url, { useNewUrlParser: true }, function(err, client) {
  assert.equal(null, err);
  console.log("Connected successfully to server");

  // Get a reference to database
  const db = client.db(dbName);

  // Get a reference to document collection, then query and display data
  db.collection("YourDocumentCollection").findOne({}, function(err, result) {
    if (err) throw err;
    console.log(result.YourFieldName);

    // Close connection
    console.log("Disconnecting .....");
    client.close();

  });
});
```

 Node.js command prompt

```
C:\Users\simonwwang>node MongoDBsimple.js  
Connected successfully to server  
Smith  
Disconnecting .....
```