

# MongoDB – Node.js

## INSERT DELETE UPDATE

# INSERT

```
// Data to insert
var myobj = { name: "Diaz"};

// Get a reference to document collection, then insert data
db.collection("Nodejs").insertOne(myobj, function(err, res) {
  if (err) throw err;
  console.log("1 document inserted");
});
```

# DELETE

```
// Data to delete
```

```
var myquery = { name: 'Diaz' };
```

```
// Get a reference to document collection, then delete data
```

```
db.collection("Nodejs").deleteOne(myquery, function(err, obj) {  
    if (err) throw err;  
    console.log("1 document deleted");
```

# UPDATE

// Old value

```
var myquery = { name: "Smith" };
```

// New value

```
var newvalues = { $set: {name: "Harvey"} };
```

// Get a reference to document collection, then query and update data

```
db.collection("Nodejs").updateMany(myquery, newvalues, function(err, res) {  
    if (err) throw err;  
    console.log(res.result.nModified + " document(s) updated");  
});
```

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

// Server URL
var url = 'mongodb://UserName:Password@ds239648.mlab.com:39648/demo'

// Database Name
const dbName = 'demo';

// 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);

  // Data to insert
  var myobj = { name: "Diaz"};

  // Get a reference to document collection, then insert data
  db.collection("Nodejs").insertOne(myobj, function(err, res) {
    if (err) throw err;
    console.log("1 document inserted");

    // Data to delete
    var myquery = { name: 'Diaz' };

    // Get a reference to document collection, then delete data
    db.collection("Nodejs").deleteOne(myquery, function(err, obj) {
      if (err) throw err;
      console.log("1 document deleted");

      // Old value
      var myquery = { name: "Smith" };

      // New value
      var newvalues = { $set: {name: "Harvey"} };


      // Get a reference to document collection, then query and update data

      db.collection("Nodejs").updateMany(myquery, newvalues, function(err, res) {
        if (err) throw err;
        console.log(res.result.nModified + " document(s) updated");

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

        });
      });
    });
  });
```

# Execution Messages

 Node.js command prompt

```
C:\Users\simonwwang>node MongoDB_All.js
Connected successfully to server
1 document inserted
1 document deleted
2 document(s) updated
Disconnecting .....
```