

# Mongo DB Integration with Node.js and Express JS

Sunday, 28 January 2024

1:42 AM

js n cde

```
URI = 'mongodb://localhost:27017'
const { MongoClient } = require('mongodb')
const mongoConn = new MongoClient(URI)

const collection = async () => {
  await mongoConn.connect()
  const database = mongoConn.db('e-comm')
  const collection = database.collection('products')
  return collection
}
```

(CRUD operation  
on MongoDB)

delete

```
await collection.deleteOne(
  { name: 'req name' })
```

update

```
await collection.updateOne(
  { name: 'req name' },
  { $set: { brand: 'new brand', price: 'New Price' } })
```

inside async  
function

output =

```
await collection.insertOne(
  { name: 'name', brand: 'brand', price: 'Price' })
```

Read

create

```
await collection.find(
  { name: 'req name' })
  .toArray()
```

Combining MongoDB & Express JS  
to create an API

... > }

to req. resp

format

```
app.get('/', async (req, res) => {
  const collection = await getCollection()
  output = { all above mention (CRUD operation) }
  res.send(output)
})
```

output = { all above mention (CRUD operation) }

Routes get →  
post →  
put →  
delete →

req. body

'\': none' →

req. params.name  
(to get the name from link)

localhost:5000 / Samsung galaxy

if you are deleting an entity from MongoDB  
Server you have to use mongodb.ObjectId

```
const status = await collection.deleteOne({ '_id': new mongodb.ObjectId(req.params.idname) })
```