

Lab 2 Integrate MongoDB with Node.js

Github Repository: <https://github.com/zzfz1/Full-Stack-Development-Lab-1>

Render Instance: <https://full-stack-development-lab-2.onrender.com>

Web UI

Sign Up on render.com & Link to the Github account

Connect to the Github repository

Connect to the existing github repository for previous lab 1 code.

Configuration

Runtime	Node
Build Command	npm install
Start Command	node index.js

Environment Variables

PORT	3000
CONNECTION_URL	mongodb+srv://Gin:Zjx20020529@cluster0.ls7thfd.mongodb.net/?retryWrites=true&w=majority

Encountered Issues

“localhost” unreachable

In the previous code for lab 1, the hostname "localhost" was used in all the request parameters. However, upon deploying the app on a remote instance and accessing it through the browser, it was discovered that the browser was still attempting to access the "localhost" on the local machine, rather than the instance.

In order to resolve this issue, it was necessary to remove all of the hostnames from the request parameters and instead keep only the routes.

Specifically, the previous request parameter "<http://localhost:3000/api/albums>" was modified to simply "/api/albums".

Build Commands

When attempting to build the code, the default build command of "\$ yarn" did not work, even if after changing it to "\$ node". I encountered multiple "Package Not Found" errors, so I changed the build command to "\$ npm install" and it works.

CLI

Attempts

- Windows Subsystem for Linux (For "make") with github source code
- Github Pre-built windows version (https://github.com/render-oss/render-cli/releases/download/v0.1.5/render-windows-x86_64.exe)

render config init

render.yaml

```
services:
- type: web
  name: webdis
  env: node
  buildCommand: npm install
  startCommand: npm run start
  autoDeploy: false
```

render blueprint launch

Unsolved Issue

[Render.com](#) ask for billing information to proceed deployment