

Guide [BlueMonk]

At first, install bluemonk-cli using the command “npm install -g bluemonk-cli”.

Now, in a new empty directory, you can build your project.

Some Basic Commands:

```
# to start a new project
$ monk project <project_name>
```

```
#to create new app
$ monk app <app_name>
```

```
#to add inbuilt users module
$ monk add users
```

Initial Steps to create a project and start the server:

- In an empty directory (using a terminal) enter “**monk project <project_name>**” to initiate a new project. For example **\$ monk project Test**
- In the package.json file change the <project_name> to your project name (i.e in this case Test)
- “**npm install** ” to install all the dependencies.
- In the root of the project create a “.env” file. And enter your credentials for MongoDB Atlas and Token_Secret key as following:

```
DB_CONNECT=mongodb+srv://<your_username>:<your_password>@cluster0.zdr8r.mongodb.net/<dbname>?retryWrites=true&w=majority
TOKEN_SECRET = aquickbrownfoxjumpsoveralazydog
```

- “**npm start**” to run the project

Directory Explanation:

After you’ve completed the initial steps to create the project and start the server, a new “src” folder with the project directory will be created. The project directory contains Server, Routes, and Setup modules.

The server.ts file is responsible to create the server and connect to the database. You can add middleware if needed in the middleware section of the file.

The routes.ts file is the main router for the project. Here you can add routes for the apps to connect to.

The setup.ts file is for future setup required during the project development.

Creating Your First App

The app is a new directory created inside the “src” folder that is built on the MCS pattern i.e(Model Controller Service).

Enter **monk app <app_name>** to create a new app.

For example **\$ monk app accounts**

This will create an accounts app which will hold different subdirectories i.e.

Controllers, Routes, Models, and Services each with their very own functionalities.

At this point, you can import the router from the Accounts App Routes directory in the main router and provide a path (‘/accounts’) to point to the accounts_app router.

The Controllers

Bluemonk provides various inbuilt controllers to help you build your very own controllers.

To be continued