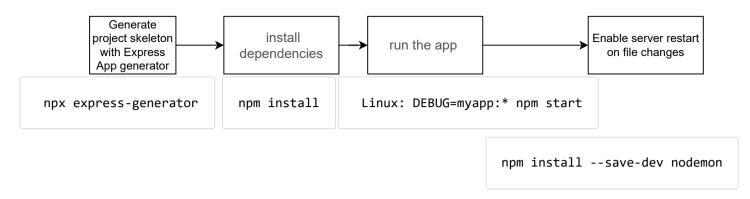
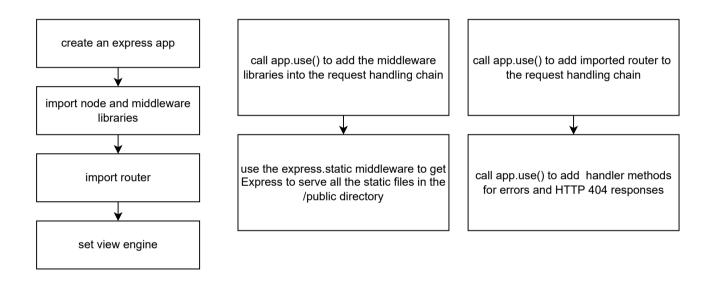
## 1. Setup app



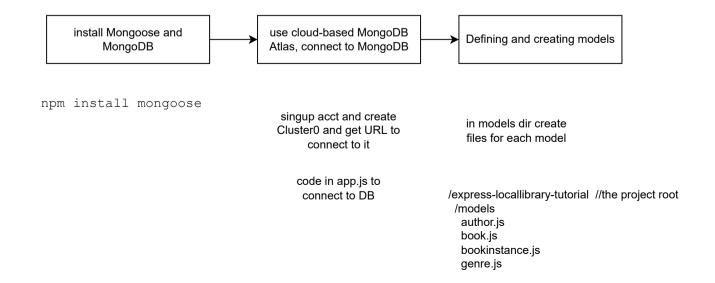
"devstart": "nodemon ./bin/www",

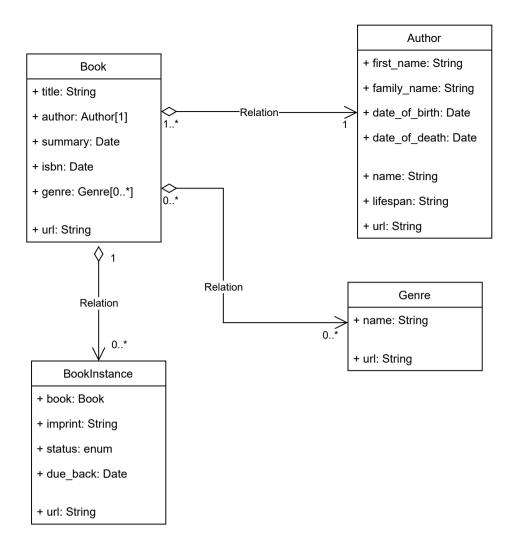
## 2. app.js file

"serverstart": "DEBUG=express-locallibrary-tutorial:\* npm run devstart"



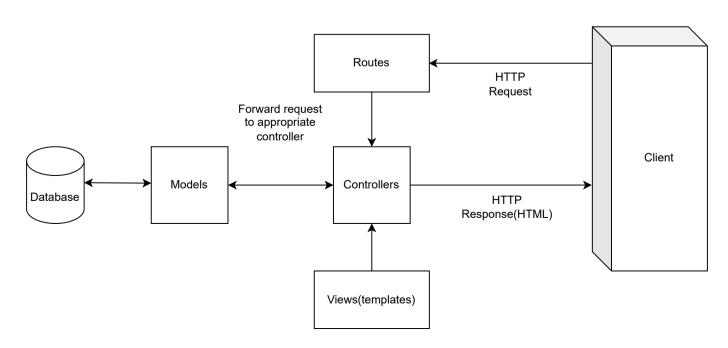
## 3. Setup DB Mongoose





Testing: using a script to create instances data

## Main flow of data and HTTP req/res handlers



HTTP verb

GET

POST

catalog.js

catalog/book

catalog/author

catalog/genre

## + book\_create\_get() + book\_create\_post() + book\_delete\_get() + book\_delete\_post() + book\_update\_get() + book\_update\_post()

+ book\_detail()

+ book\_list()

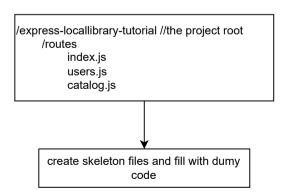
book controller

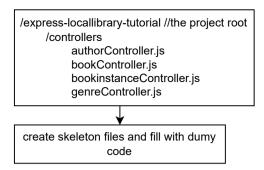
# author\_controller + author\_create\_get() + author\_create\_post() + author\_delete\_get() + author\_delete\_post() + author\_update\_get() + author\_update\_post() + author\_update\_index + author\_detail() + author\_list()

```
genre_controller

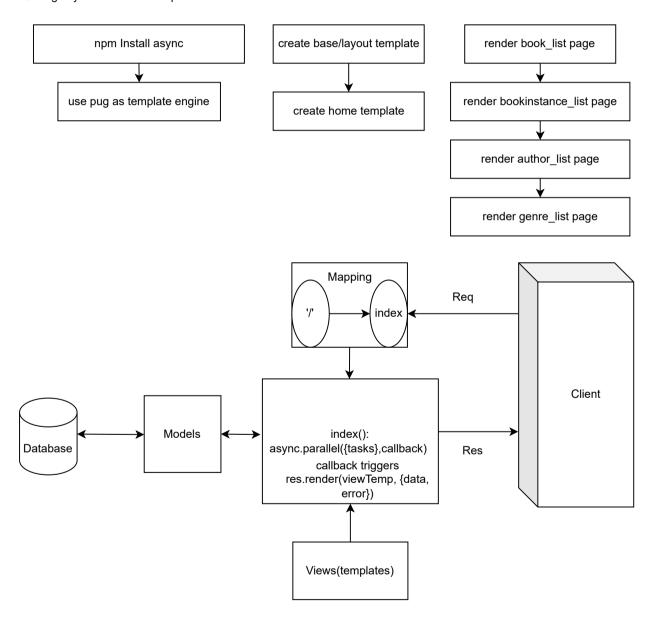
+ genre_create_get()
+ genre_create_post()
+ genre_delete_get()
+ genre_delete_post()
+ genre_update_get()
+ genre_update_post()
+ genre_detail()
+ genre_list()
```

### 5. Create routes





## 7. Config async and create templates



date formatting using 3rd party library

npm install luxon const { DateTime } = require("luxon");

 $use: DateTime. from JSDate(this. due\_back). to LocaleString(DateTime. DATE\_MED); \\$ 

7. Work with forms

8. Deploy