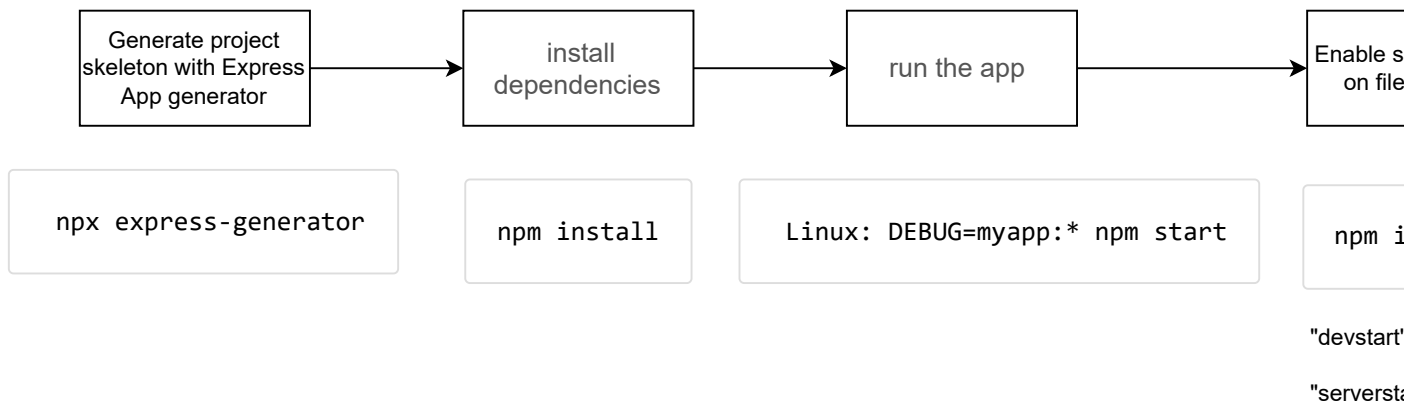
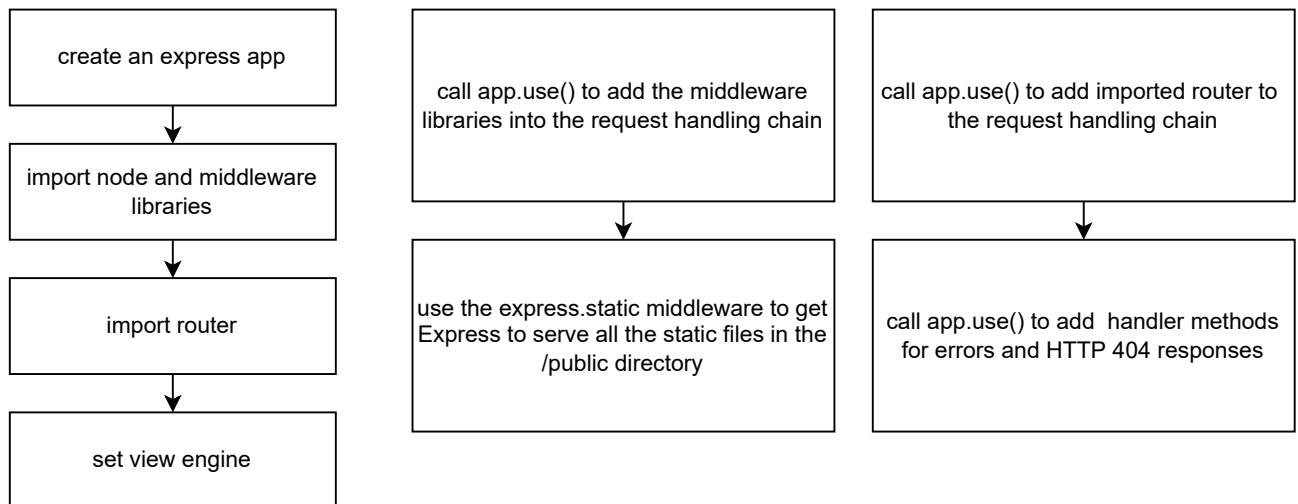


1. Setup app

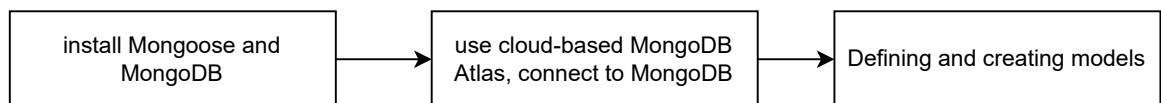


2. app.js file



3. Setup DB

Mongoose



`npm install mongoose`

signup acct and create Cluster0 and get URL to connect to it

code in app.js to connect to DB

in models dir create files for each model

`/express-locallibrary-tutorial //the project root`
`/models`
`author.js`
`book.js`
`bookinstance.js`
`genre.js`

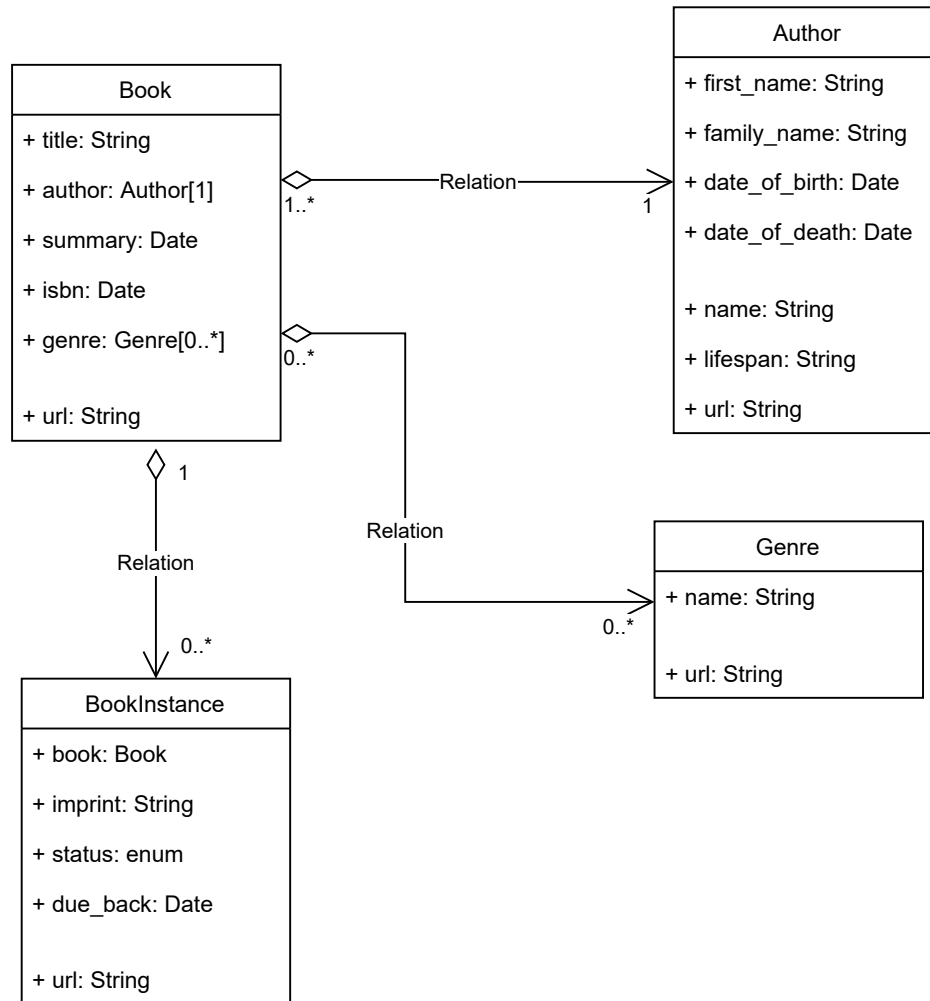
server restart
changes

```
install --save-dev nodemon
```

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

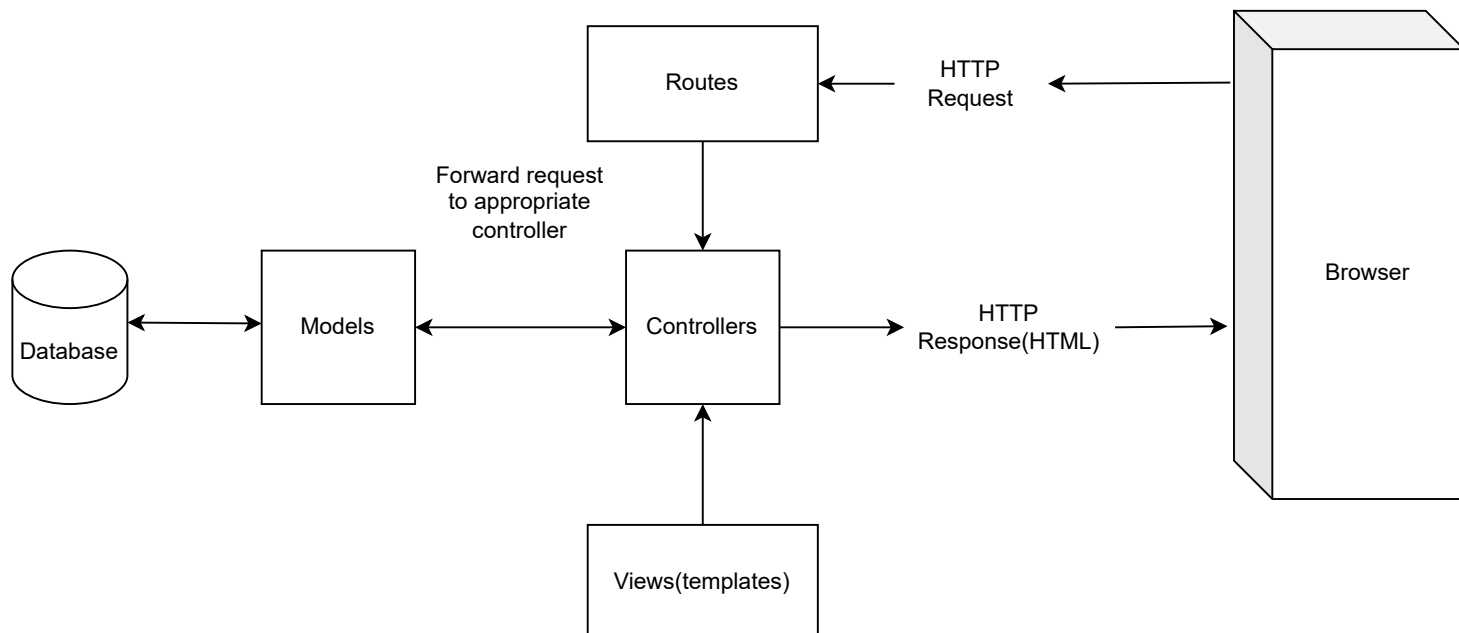
```
art": "DEBUG=express-localibrary-tutorial:* npm run devstart"
```

4. Create model

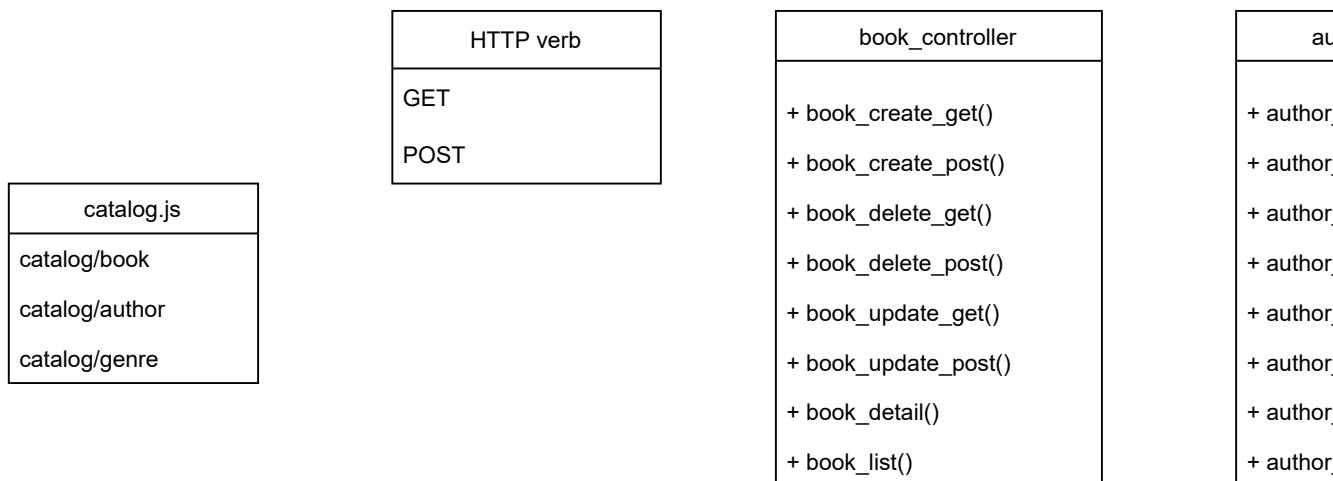


Testing: using a script to create instances data

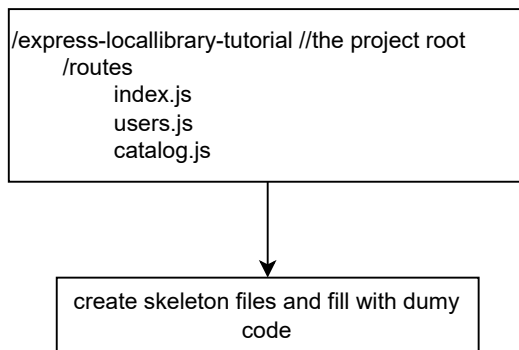
Main flow of data and HTTP req/res handlers



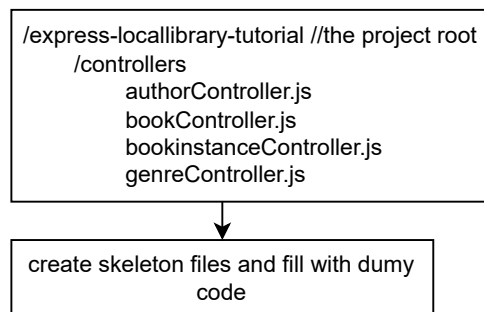
RESTful API



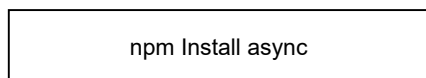
5. Create routes



6. Create controllers skeleton



7. Config async and template



author_controller
<div><div>_create_get()</div><div>_create_post()</div><div>_delete_get()</div><div>_delete_post()</div><div>_update_get()</div><div>_update_post()</div><div>_detail()</div><div>_list()</div></div>

genre_controller
<div><div>+ genre_create_get()</div><div>+ genre_create_post()</div><div>+ genre_delete_get()</div><div>+ genre_delete_post()</div><div>+ genre_update_get()</div><div>+ genre_update_post()</div><div>+ genre_detail()</div><div>+ genre_list()</div></div>

6. Create templates

7. Work with forms

8. Deploy

