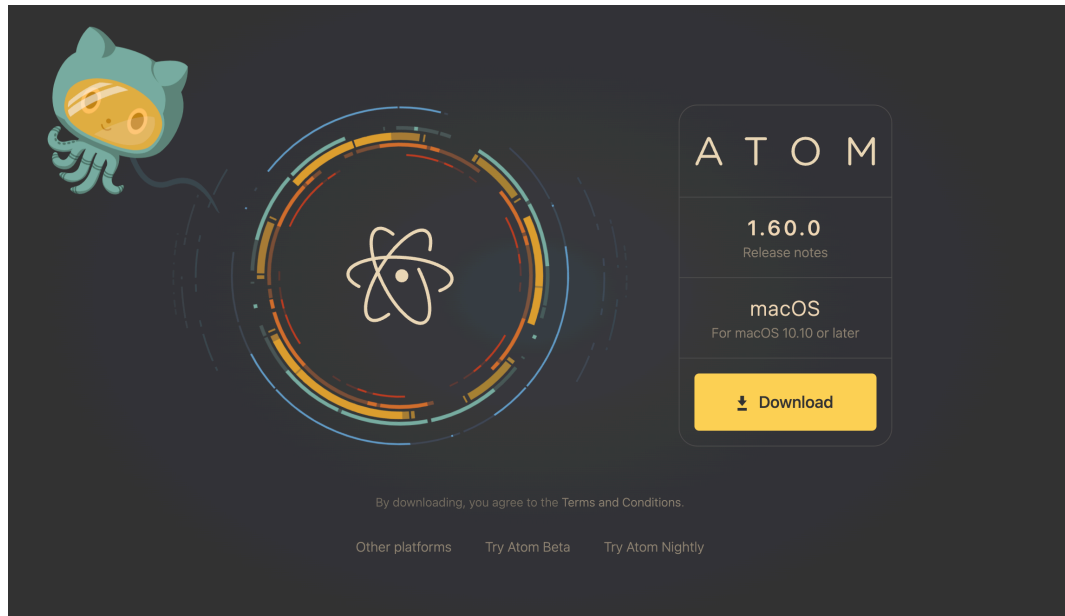


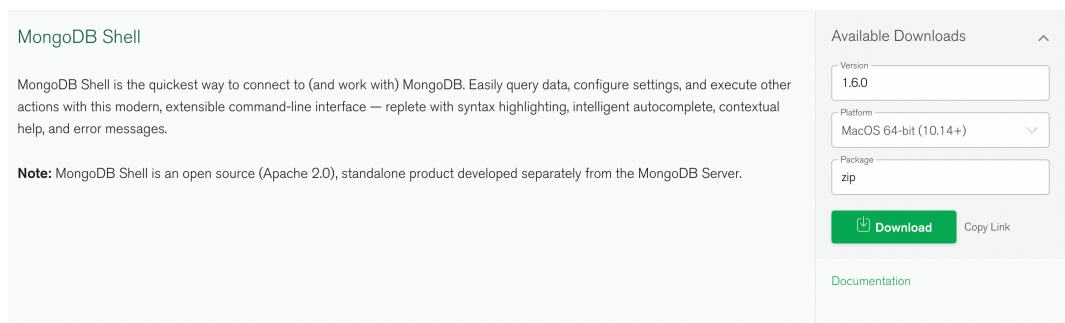
API Documentation

IDEs Required

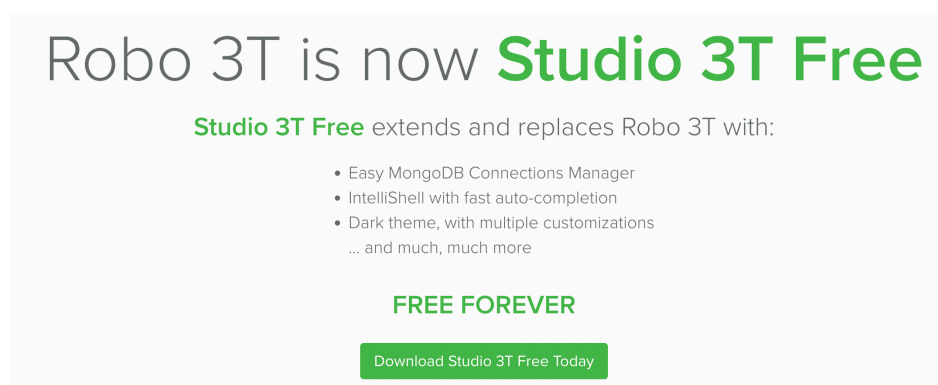
1. Atom Text Editor



2. Mongo DB Shell

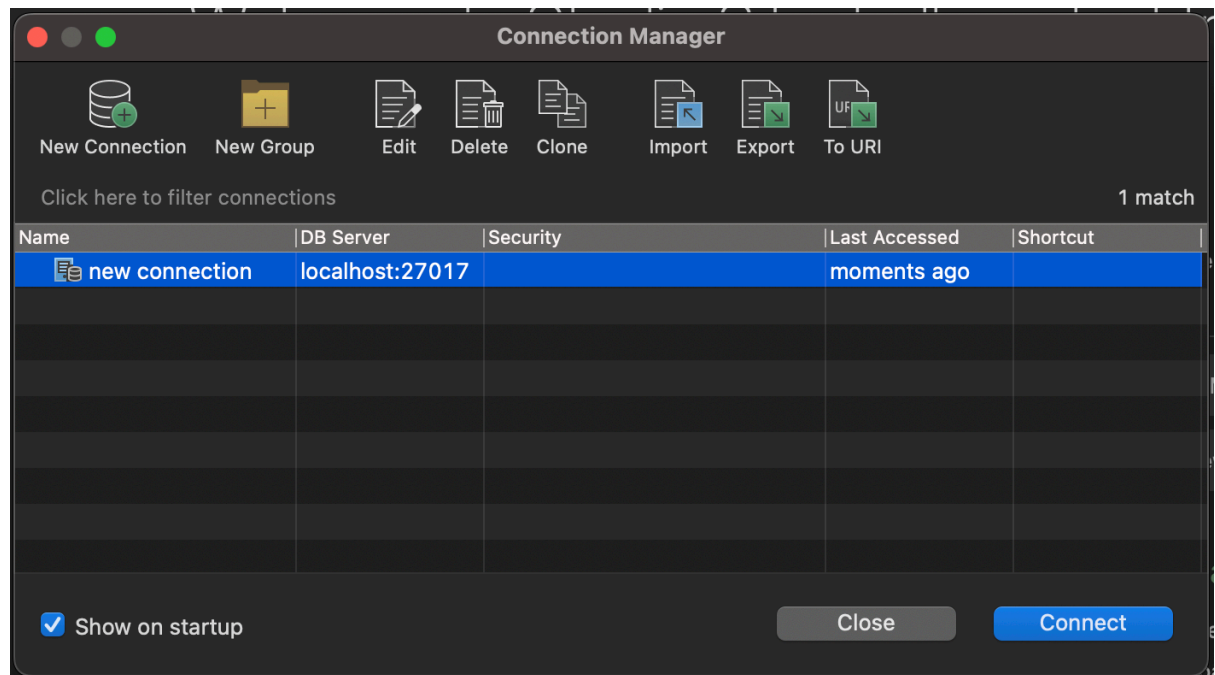


3. Studio 3T: GUI for Mongo DB



Installation and Setup Steps

1. Install Atom text Editor Studio.
2. Install MongoDB Server Shell
3. Install Studio 3T, graphical user interface for Mongo DB and create a secure connection by entering the credentials, name of the connection and the server details.



4. Connect to the newly created database (named “**storyDB**”) to the Mongo Server whose configuration is stored in .env file.
`MONGO_DB = mongodb://localhost:27017/storyDB`
`mongoose.connect(process.env.MONGO_DB);`
5. Create the schema of the new collection named **user** within the storyDB database.
6. Download Postman API Platform which help in creating and testing APIs.

API Definition

Sr. No.	API URL	API Type	API Request Body	API Response
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1	/register	GET		<pre> [{ "_id" : ObjectId("632b5cbab694bd09545299a5") , "name" : "Anushri", "email" : "usr@gmail.com", "password" : "test", "location" : "Ireland", "company" : "Test", "bio" : "Software Engineer", "followCount" : 28.0, "noOfRepos" : 20.0 "createdBy": "usr@gmail.com", "createdOn": "2022-09-22T00:00:00", "modifiedBy": "null", "ModifiedOn" : "null" }, { "_id" : ObjectId("6329e8c1cc17b43daa7bbf33"), "name" : "admin", "email" : "default@email.com", "password" : "test", "location" : "Cork", "company" : "test", "bio" : "this is a dummy data", "followCount" : 20.0, "noOfRepos" : 10.0 }] </pre>
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2	/login	GET		<pre>[{ "email": "usr@gmail.com", "password": "test" }, { "email": "user12@gmail.com", "password": "admin" }]</pre>
3	/register	POST	<pre>{ "name": "Nicola", "email": "Samuel", "password": "test", "location": "Cork", "company": "Google", "bio": "this is the dummy description" }</pre>	
4	/login	POST	<pre>{ "email": "Samuel", "password": "test" }</pre>	

Code Explanation

The code comprises multiple layers as shown below.

1. **Register.API:** This layer has the restful APIs which internally invoke the business logic layer where the first story of making company name, location and bio field to be made mandatory to allow user to access his/her profile.

2. **Login API:** This API allows user to login only when they are registered and are authorised by the database to access their profile.

Note: Password encryption is not considered for this scope of implementation.