

chatAPI

0. set up database

- mkdir data && cd data && mkdir db && cd ..
- Assumption1: You have the most recent mongodb and tools installed and working.
- Assumption2: The mongo url is as follows: 'mongodb://localhost:27017
- Assumption3: A mongo database called chat-db exists.
- To find more information about the database set up then read the file in ./database/db.js

1. Import Libraries

To import all the requires libraries you will need to call npm i in the following directories:

- ./
- ./client/

2. RUN db

• mongod -dbpath data/db --port 27017

2.5. Import data to db

- cd dict
- mongoimport --db chat-db --collection users_info --file userData.json --jsonArray
- mongoimport --db chat-db --collection users_messages --file messageData.json --jsonArray
- cd .

3. Run backend code in './'

• node app.js

4. Run frontend code in './client/'

- npm run start
- In a different web browser tab open the same webpage for user2 (i.e http://localhost:3000/)
- If the url does not work then copy and paste the http link from the first tab

4.5. Test 1: Test imported data

- The current page should be log in page (i.e. http://localhost:3000/)
- Open another tab with the same webpage as above.
- Log in to user1 and user2 in each tab.
- user1: username: batman , password: 123
- user2: username: Ricky , password: 456
- In user1 tab, go to ricky and you should see the messages you imported
- In user2 tab, go to batman and you should see the messages you imported

5. Register a user with the GUI

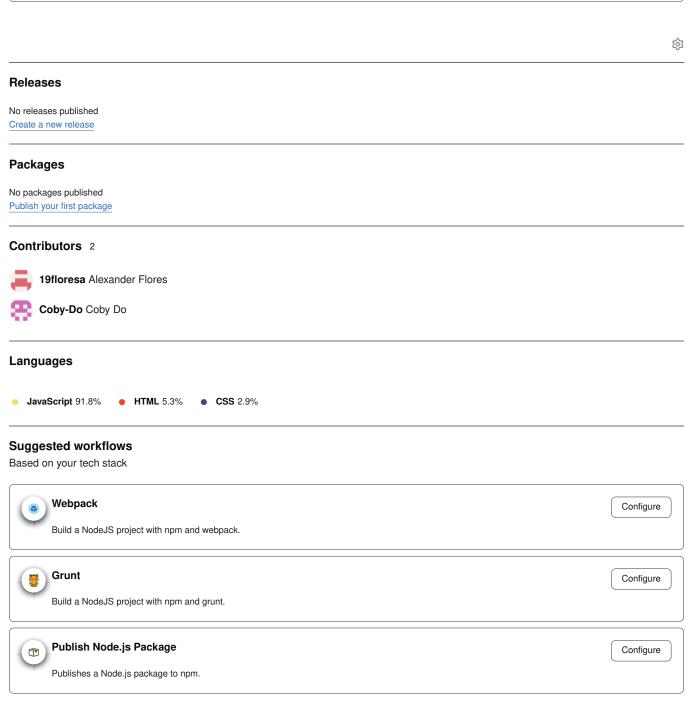
- In the first Login screen click register in the bottom of the input boxes.
- Then, register 2 users with the username and password below.
- User1: 19floresa, password1: 123
- User2: XXX_cool_user_XXX, password2: 123
- Save both usernames and passwords!

6. Test 2. Log in with new users

- Go back to the login page.
- Enter data of user1 in the first tab.
- · Repeat for user2.

7. Test 2.1. Communicate with user2

- In the web browser tab for user1, find user2.
- Type a message in the bottom of the webpage and send your message to user2.
- · Repeat for user2.
- In both tabs, you should see user1 and user2 message.



More workflows Dismiss suggestions