

Title: Instructions for Setting Up and Using the ECG2AF Web Application API

Issue with Model File Download

There appears to be an issue with using Git LFS to download the model file (`ecg_5000_survival_curve_af_quadruple_task_mgh_v2021_05_21.h5`). Please ensure that the model file (approximately 200MB) is correctly placed in the directory `/ECG2AF_WebApp_clean/ml4h/model_zoo/ECG2AF/`.

Steps to Use the API

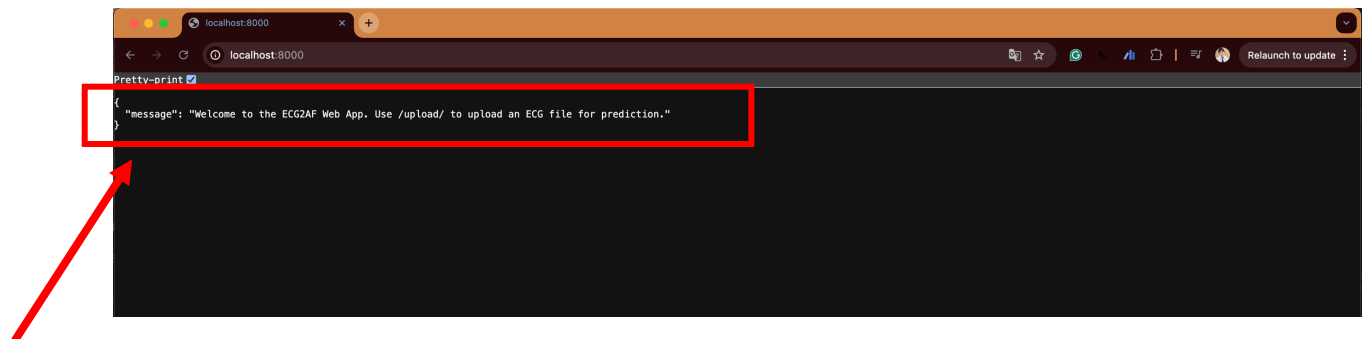
1. **Clone the Repository:** Pull the repository to your local machine.
2. **Verify Model File Location:** Ensure that the model file (~200MB) exists in `/ECG2AF_WebApp_clean/ml4h/model_zoo/ECG2AF/`.
3. **Run Setup Script:** In your terminal, execute:

```
sh setup.sh
```

4. **Open Web Application:** Open a web browser.
5. **Access Home Page:** In the browser's address bar, type:

```
http://localhost:8000/
```

You should see a message indicating that the ECG2AF Web Application is running.

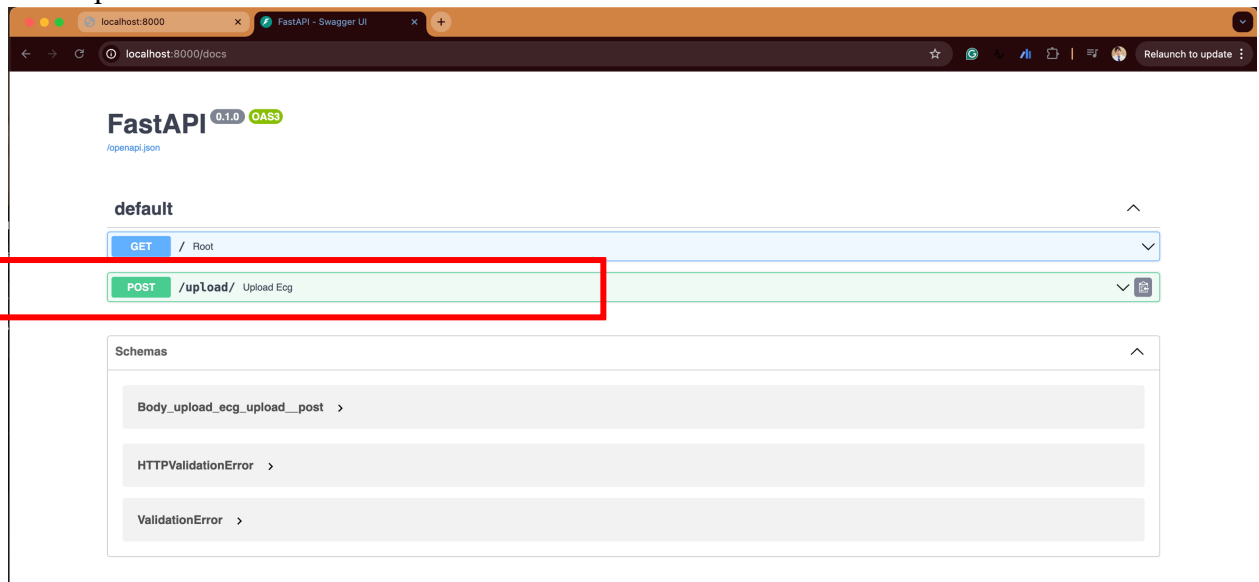


6. **Access API Documentation:** In the address bar, type:

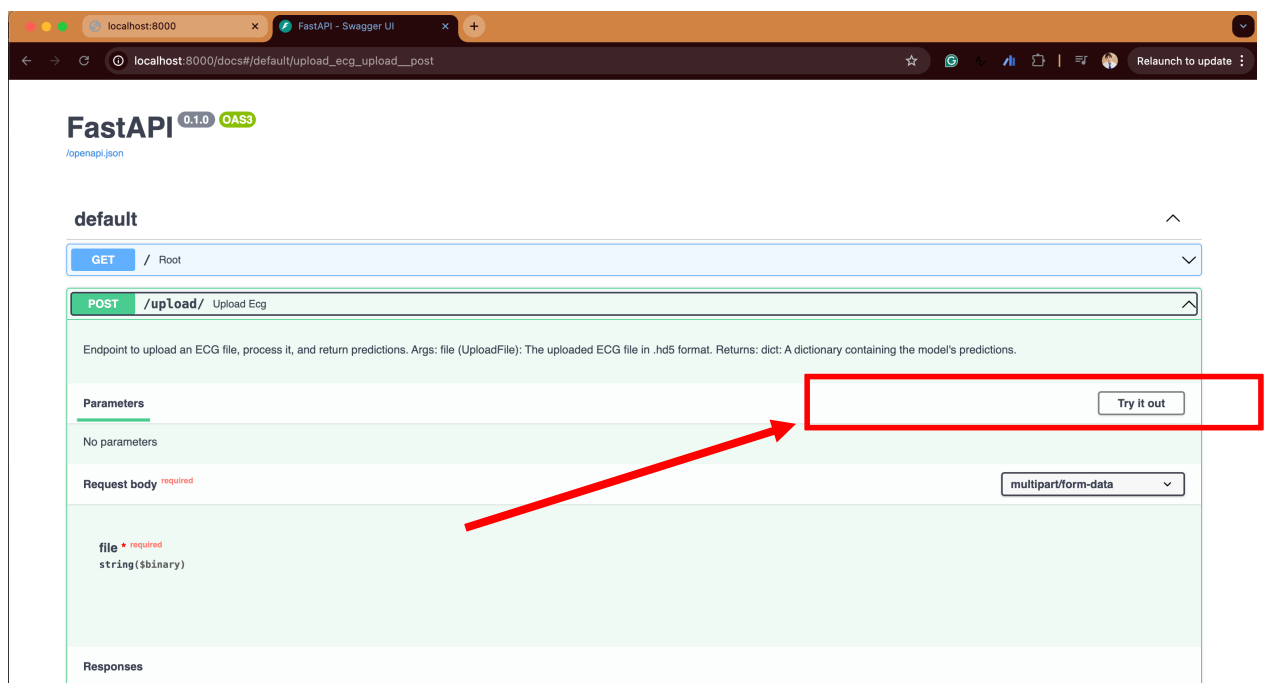
```
http://localhost:8000/docs
```

This will open the API documentation page.

7. **Navigate to the Upload Endpoint:** In the documentation, find the POST `/upload/` endpoint.



8. **Enable Testing Mode:** Click on "Try it out" to enable input fields.



9. **Select and Upload a Test File:** Choose your test file for analysis and click on the "Execute" button.

Request body required multipart/form-data

file * required
string(\$binary) Choose File fake_0.hd5

Execute

Responses

10. **View Results:** After execution, the results should be displayed on the screen.

These steps should help you set up and use the ECG2AF Web Application API efficiently. Let me know if you encounter further issues!

Request body required multipart/form-data

file * required
string(\$binary) Choose File fake_0.hd5

Execute Clear

Responses

Curl

```
curl -X 'POST' \  
  'http://localhost:8000/upload/' \  
  -H 'accept: application/json' \  
  -H 'Content-type: multipart/form-data' \  
  -F 'file=@fake_0.hd5'
```

Request URL

<http://localhost:8000/upload/>

Server response

Code	Details
200	<p>Response body</p> <pre>{ "results": { "Prediction 1": [0.8753482699394226, 0.9887368679046631, 0.9954706430435181, 0.9968255162239075], "Prediction 2": [0.2934797704213818, 0.7065202593803406], "Prediction 3": -0.052547477185726166, "Prediction 4": [0.9834069031677246, 0.016539117321372032] } }</pre> Download

content-length: 255
content-type: application/json
date: Thu, 07 Nov 2024 06:56:35 GMT
server: uvicorn

Responses

Code	Description	Links
200	Successful Response	No links

Media type
application/json