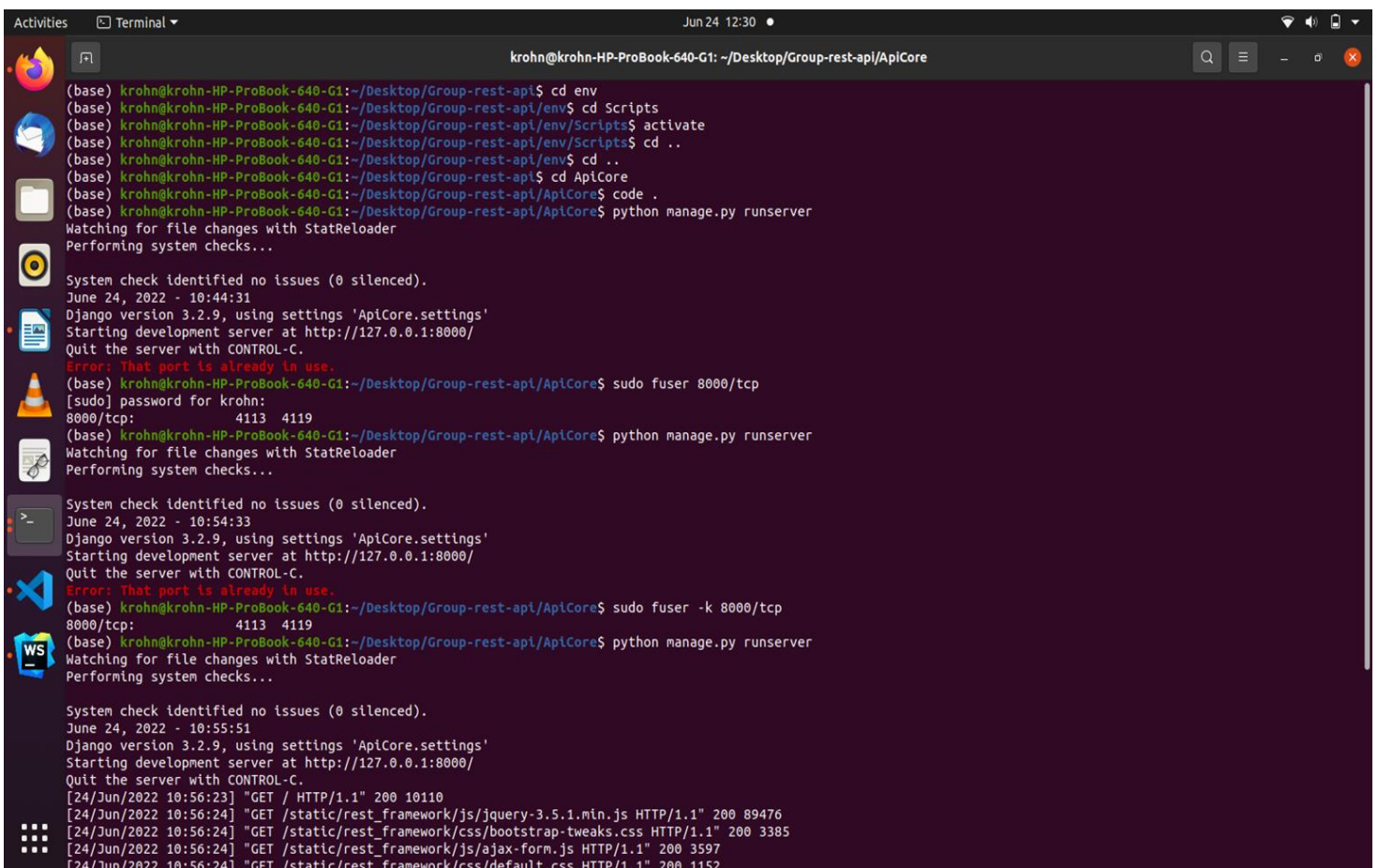


Guide d'Administration (Administration du Backend de l'application)

Le guide d'administration a pour but de faciliter la gestion de la plateforme par l'administrateur (premier et utilisateur principal). Tout d'abord suivre les étapes relatives au guide de déploiement (ou celui d'implémentation suivant la méthode choisi).

- Ouvrir son terminal (environnement linux ou Windows) dans le dossier du projet(backend).
- Lancer le serveur de base de données (MySQL)
- Active l'environnement virtuel de python



```
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api$ cd env
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/env$ cd Scripts
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/env/Scripts$ activate
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/env/Scripts$ cd ..
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/env$ cd ..
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api$ cd ApiCore
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ code .
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
June 24, 2022 - 10:44:31
Django version 3.2.9, using settings 'ApiCore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.

Error: That port is already in use.
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ sudo fuser 8000/tcp
[sudo] password for krohn:
8000/tcp: 4113 4119
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
June 24, 2022 - 10:54:33
Django version 3.2.9, using settings 'ApiCore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.

Error: That port is already in use.
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ sudo fuser -k 8000/tcp
8000/tcp: 4113 4119
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

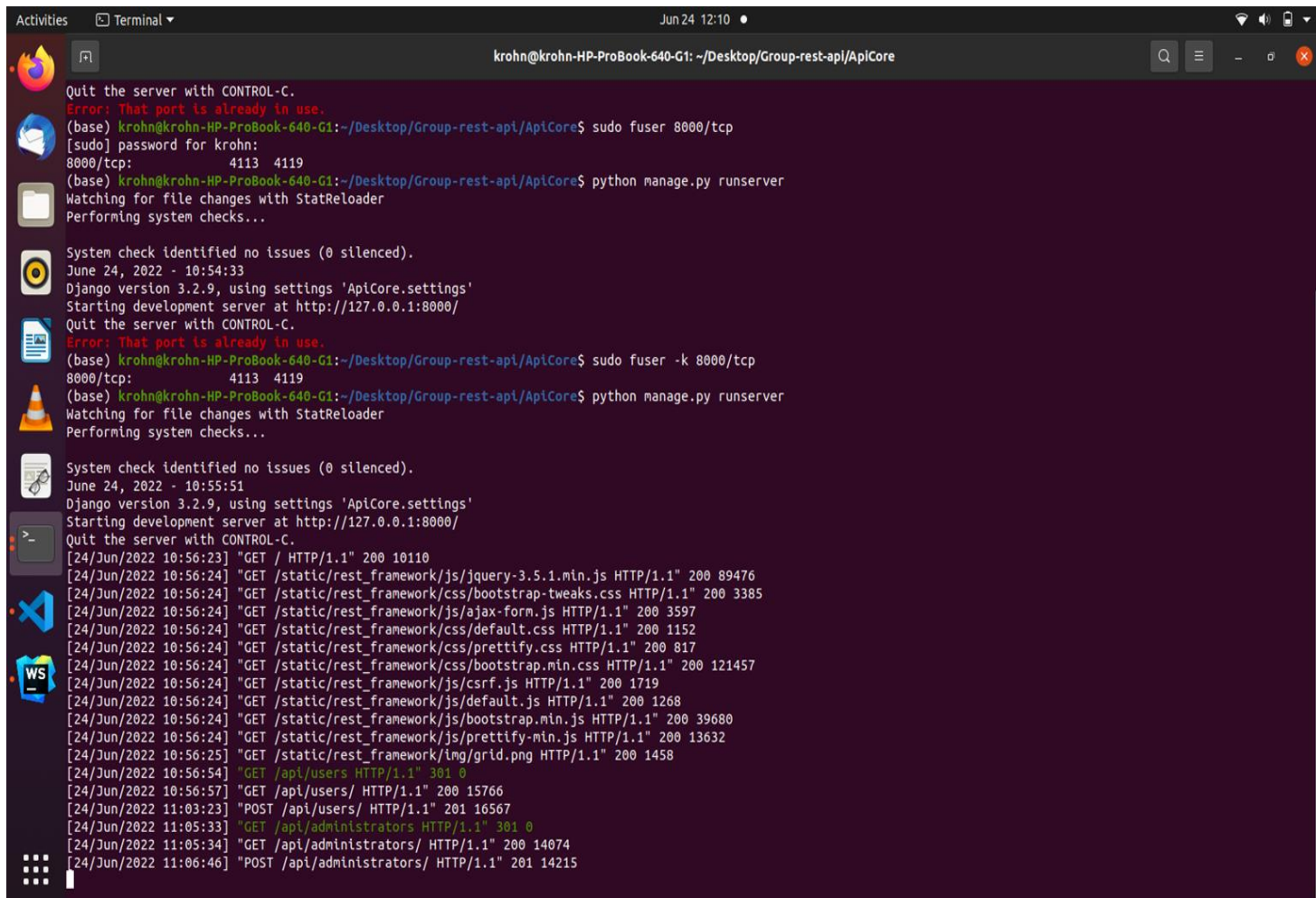
System check identified no issues (0 silenced).
June 24, 2022 - 10:55:51
Django version 3.2.9, using settings 'ApiCore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[24/Jun/2022 10:56:23] "GET / HTTP/1.1" 200 10110
[24/Jun/2022 10:56:24] "GET /static/rest_framework/js/jquery-3.5.1.min.js HTTP/1.1" 200 89476
[24/Jun/2022 10:56:24] "GET /static/rest_framework/css/bootstrap-tweaks.css HTTP/1.1" 200 3385
[24/Jun/2022 10:56:24] "GET /static/rest_framework/js/ajax-form.js HTTP/1.1" 200 3597
[24/Jun/2022 10:56:24] "GET /static/rest_framework/css/default.css HTTP/1.1" 200 1152
```

- Exécution de l'application à travers la commande :

Python manage.py runserver (en local sur l'adresse 127.0.0.1:8000)

ou

python manage.py runserver ip_reseau:port (exemple: 192.168.8.1:8000)



```
Activities Terminal Jun 24 12:10 krohn@krohn-HP-ProBook-640-G1: ~/Desktop/Group-rest-api/ApiCore
Quit the server with CONTROL-C.
Error: That port is already in use.
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ sudo fuser 8000/tcp
[sudo] password for krohn:
8000/tcp: 4113 4119
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
June 24, 2022 - 10:54:33
Django version 3.2.9, using settings 'ApiCore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
Error: That port is already in use.
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ sudo fuser -k 8000/tcp
8000/tcp: 4113 4119
(base) krohn@krohn-HP-ProBook-640-G1:~/Desktop/Group-rest-api/ApiCore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
June 24, 2022 - 10:55:51
Django version 3.2.9, using settings 'ApiCore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[24/Jun/2022 10:56:23] "GET / HTTP/1.1" 200 10110
[24/Jun/2022 10:56:24] "GET /static/rest_framework/js/jquery-3.5.1.min.js HTTP/1.1" 200 89476
[24/Jun/2022 10:56:24] "GET /static/rest_framework/css/bootstrap-tweaks.css HTTP/1.1" 200 3385
[24/Jun/2022 10:56:24] "GET /static/rest_framework/js/ajax-form.js HTTP/1.1" 200 3597
[24/Jun/2022 10:56:24] "GET /static/rest_framework/css/default.css HTTP/1.1" 200 1152
[24/Jun/2022 10:56:24] "GET /static/rest_framework/css/prettify.css HTTP/1.1" 200 817
[24/Jun/2022 10:56:24] "GET /static/rest_framework/css/bootstrap.min.css HTTP/1.1" 200 121457
[24/Jun/2022 10:56:24] "GET /static/rest_framework/js/csrf.js HTTP/1.1" 200 1719
[24/Jun/2022 10:56:24] "GET /static/rest_framework/js/default.js HTTP/1.1" 200 1268
[24/Jun/2022 10:56:24] "GET /static/rest_framework/js/bootstrap.min.js HTTP/1.1" 200 39680
[24/Jun/2022 10:56:24] "GET /static/rest_framework/js/prettify-min.js HTTP/1.1" 200 13632
[24/Jun/2022 10:56:25] "GET /static/rest_framework/img/grid.png HTTP/1.1" 200 1458
[24/Jun/2022 10:56:54] "GET /api/users HTTP/1.1" 301 0
[24/Jun/2022 10:56:57] "GET /api/users/ HTTP/1.1" 200 15766
[24/Jun/2022 11:03:23] "POST /api/users/ HTTP/1.1" 201 16567
[24/Jun/2022 11:05:33] "GET /api/administrators HTTP/1.1" 301 0
[24/Jun/2022 11:05:34] "GET /api/administrators/ HTTP/1.1" 200 14074
[24/Jun/2022 11:06:46] "POST /api/administrators/ HTTP/1.1" 201 14215
```

- puis créer l'administrateur de base qui sera charge de créer les autres administrateurs et ou membres en suivant ces étapes :

étape 1: ouvrir son navigateur (celui de notre choix)

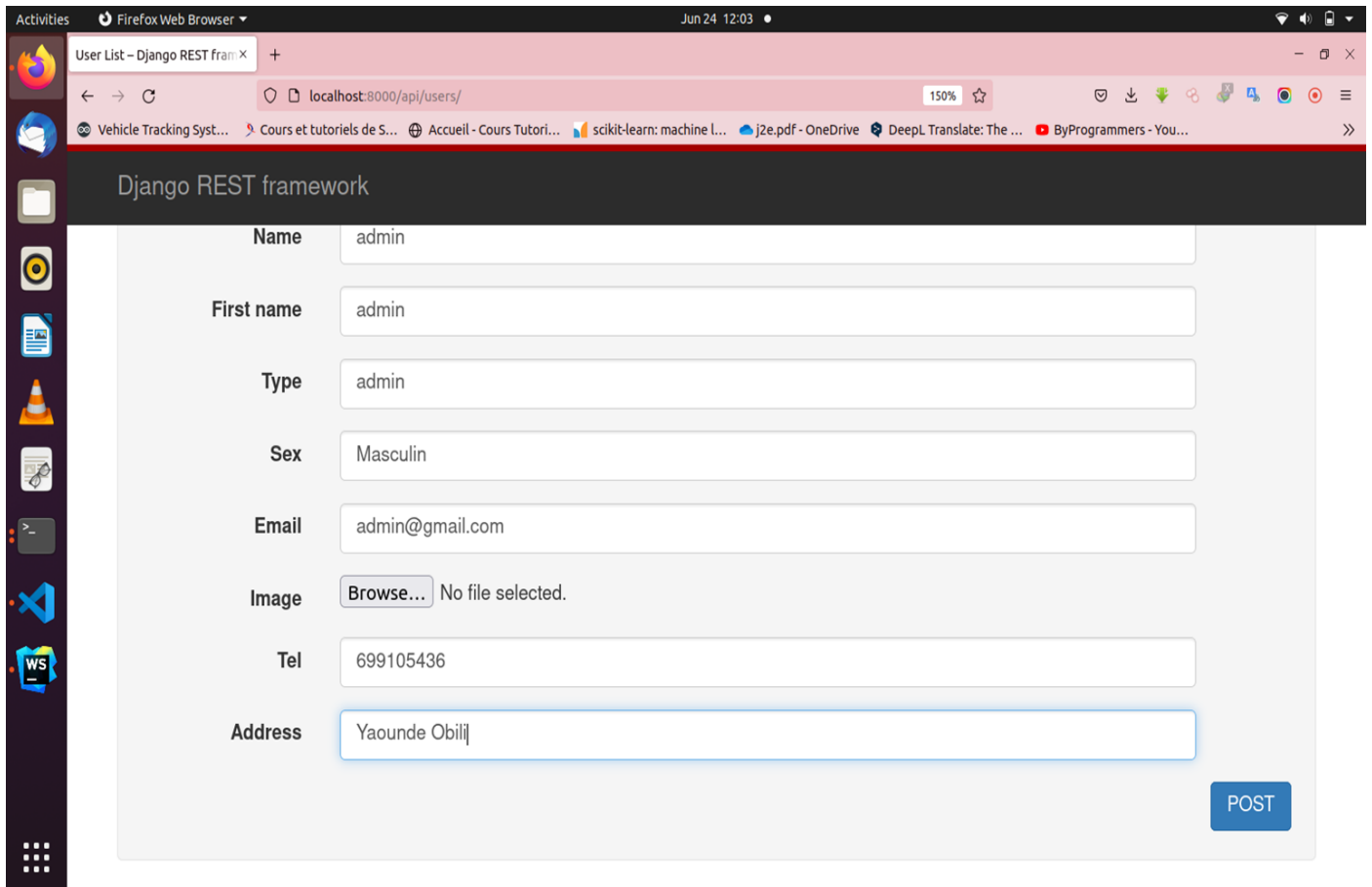
Étape 2: saisir dans la barre d'url l'adresse sur laquelle tourne le backend
localhost:8000 ou http://ip_reseau:port (exemple :192.168.8.1:8000)

Étape 3 :

- taper le endpoint localhost:8000/api/users ou http://ip_reseau:port/api/users

The screenshot shows a Firefox Web Browser window with the address bar set to `localhost:8000/api/users/`. The page title is "User List - Django REST fram...". The browser's address bar shows the URL `localhost:8000/api/users/` and a zoom level of 150%. The page content is from the Django REST framework, displaying the "User List" endpoint. The breadcrumb "Api Root / User List" is visible. A tooltip suggests making an OPTIONS request. The "OPTIONS" button is highlighted. Below the button, the HTTP response is shown: "HTTP 200 OK", "Allow: GET, POST, HEAD, OPTIONS", "Content-Type: application/json", and "Vary: Accept". The response body is an empty array `[]`. At the bottom, there are tabs for "Raw data" and "HTML form". The "HTML form" tab is active, showing a "Password" field and a "Last login" field with a date format `mm/dd/yyyy, --:-- --`.

puis remplir les champs comme ci-dessous et valider (Button POST).

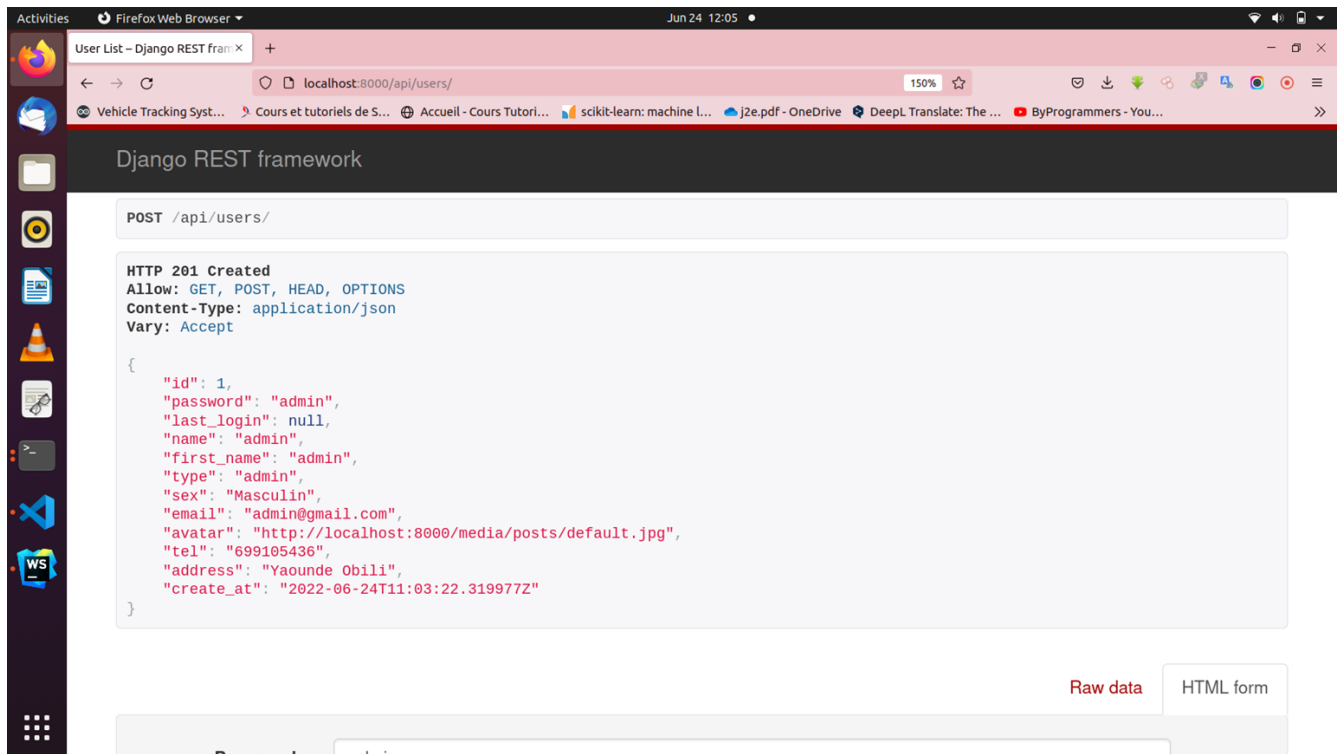


The screenshot shows a Firefox web browser window with the address bar at `localhost:8000/api/users/`. The page title is "Django REST framework". The form contains the following fields and values:

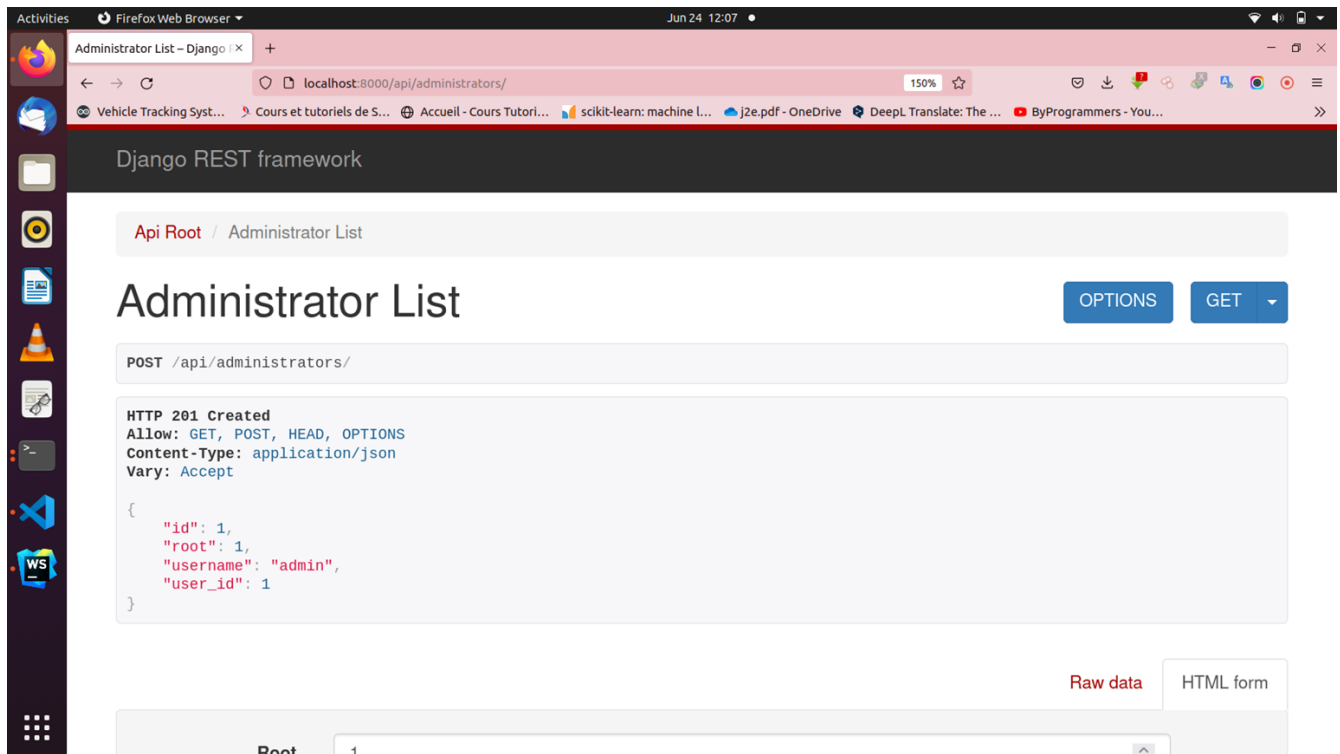
Field	Value
Name	admin
First name	admin
Type	admin
Sex	Masculin
Email	admin@gmail.com
Image	Browse... No file selected.
Tel	699105436
Address	Yaounde Obilij

A blue "POST" button is located at the bottom right of the form.

Le résultat sera semblable à celui-ci dessous



- créer un administrateur sur le endpoint
<http://localhost:8000/api/administrators> ou
http://ip_reseau:port/api/administrators
 résultat attendu:



L'administrateur de base étant créé, ce dernier peut manager totalement la plateforme et les autres modifications, ajouts suppression se font a travers l'application mobile.

Paramètres de connexion :

email:admin@gmail.com

password:admin

le password et l'email sont relatifs aux données saisir au niveau des endpoints /users et /administrator