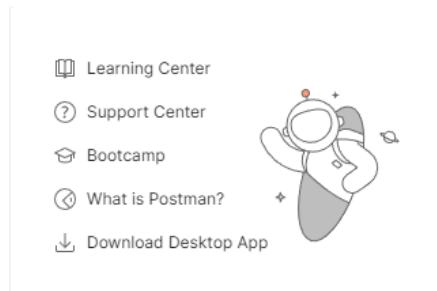


Postman

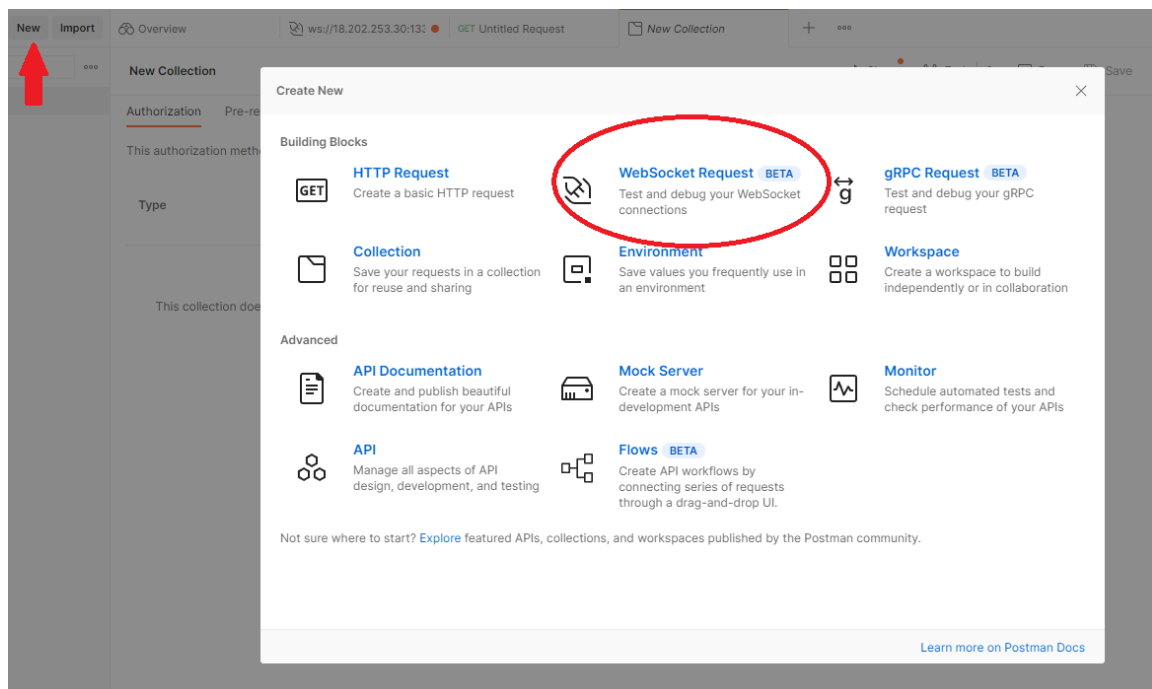
In postman, we will be able to fake the WebSocket's calls to the database. To setup this, follow the steps below:

Setup WebSocket Request

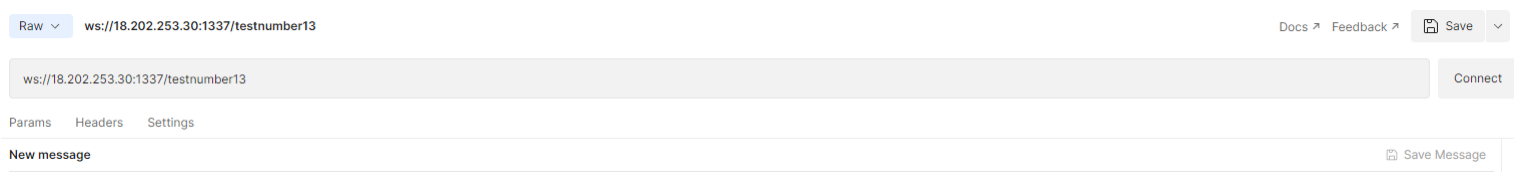
1. Go to <https://www.postman.com/> and create an account.
2. Press Download Desktop App



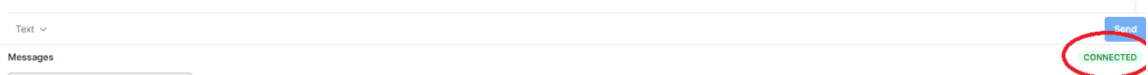
3. Select Workspaces and either select or create a workspace.
4. Once inside a workspace, click on the New-button and select WebSocket Request



5. Enter the IP address of your WebSocket. Checkout the fakeChargerCheatSheet.txt – how the IP is built. Press Connect.



6. If connection succeeded, the following sign is green:



7. Now you have connection to the WebSocket. This will enable you to make and read calls from the database server (which you can reach by following the steps under [PG Admin](#)). Enter a call. The blue and yellow arrow contains information about the call via the WebSocket. Yellow = your call, Blue = response from backend.

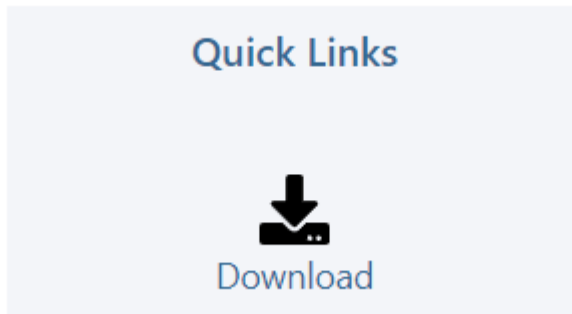


8. For more information about how to make calls to the server, checkout the appended fakeChargerCheatSheet.txt.

PG Admin

Download

1. Go to <https://www.pgadmin.org/>
2. Click **Download**



3. Select your OS (Windows in this guide).
4. Choose the latest version of PG Admin (In this case, 6.13)



5. Select the executive file. In this case, **pgadmin4-6.13.exe**

File Browser

Top → pgadmin → pgadmin4 → v6.13 → windows

Directories

 [Parent Directory]

Files

 CURRENT_MAINTAINER	2022-08-25 13:49:27	138 bytes
 pgadmin4-6.13-x64.exe	2022-08-25 13:49:47	168.4 MB

Current Maintainer

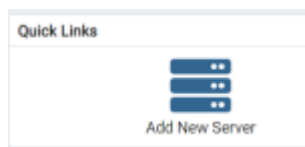
Support: pgadmin-support@lists.postgresql.org
Website: <https://www.pgadmin.org/>
Tracker: <https://redmine.postgresql.org/projects/pgadmin4>

6. Follow the instructions in the installer.
7. When opening the PG Admin application for the first time, enter an easy password for yourself.
8. You are Done!

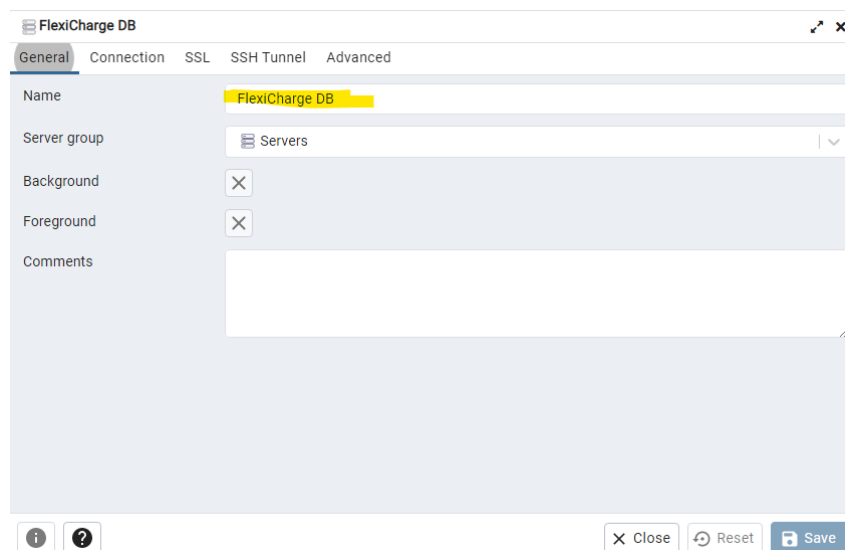
Connect to the database

OBS!! After doing these steps, you will have full access to the database. If you delete or edit anything, this will be lost forever. DO NOT edit or delete items directly in PG Admin. Use your code or Postman to make calls to the database.

1. In the home page, choose **Add New Server**. This will open a prompt where the connection to the database will be configured.



2. In the **Name**-field, choose a relevant name of the database you will connect to.

A screenshot of the 'FlexiCharge DB' configuration window in PGAdmin. The window has tabs for 'General', 'Connection', 'SSL', 'SSH Tunnel', and 'Advanced'. The 'General' tab is active, showing fields for 'Name' (filled with 'FlexiCharge DB'), 'Server group' (a dropdown menu), 'Background' (a checkbox), 'Foreground' (a checkbox), and 'Comments' (a text area). At the bottom, there are buttons for 'Close', 'Reset', and 'Save'.

3. Go to the tab **Connection**
4. In the field *Host name/address*, enter the address of your database. In our case: flexicharge.cqjgliexpw2a.eu-west-1.rds.amazonaws.com

- In the
- enter
- Check

- You
- Press the **Save-** button.

field
Password,
"postgres".
Save
Password.
are Done!

Navigate to the database table

- To find the charger database table, follow the tree- path:

Servers > FlexiCharge DB > Databases > Postgres > Schemas > Tables > Chargers

- Right click on **Chargers** and select **View/Edit Data > All Rows**
- Now you should see this window with the items in the database:

chargerID	location	serialNumber	status	chargePointID
100007	{57.70022044183724,14.475150415104222}	CF135321C	Reserved	24
100008	{57.652328901782795,14.694810832097543}	CSN1264141423C	Reserved	20
100009	{57.777714,14.16301}	testnumber13	Available	24
100010	{57.777714,14.16301}	testnumber14	Available	24
100011	{57.777714,14.16301}	testnumber15	Reserved	24