

Lesson 12: Connecting to the Frontend App



Connecting our new backend to the pleb wallet frontend app and testing locally

pleb wallet

Pay Invoices



Send

Create Invoices



Receive

Balance

0.777 sats

Grab wallet balances



Grab and format
all Invoices



Price

\$29231.42

Transactions

Sent with lnbc100nlpj98hxusp5f7ecfy...

-10 sats

5/4/2023

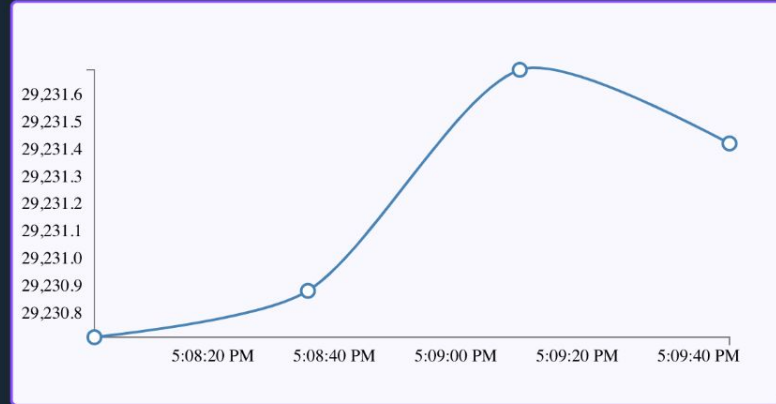
Received from lnbc100nlpjyuz8psp5t8lrak...

+10 sats

4/30/2023

Sent with lnbc110nlpjphrgksp5hw4y5f...

-11 sats



pleb-wallet-frontend

If you aren't interested in the details of how we update the frontend to work with our new backend you can just grab the latest updated pleb-wallet-frontend below

- Original frontend from course #1

<https://github.com/AustinKelsay/pleb-wallet-react/tree/master>

- Updated frontend for course #2

<https://github.com/AustinKelsay/pleb-wallet-frontend/tree/main>

Walkthrough / Review of the pleb-wallet-frontend

A simple single page Lightning wallet UI written in React

Running it all locally

- Open up Docker Desktop
- Open up Polar and start the Polar network you've been testing with thus far
- Start running the backend `npm run start`
- Clone down the new pleb-wallet-frontend `git clone`
`https://github.com/AustinKelsay/pleb-wallet-frontend.git`
- Open it up in your text editor and open the terminal and run `npm i` to install
- Start the frontend with `npm run start`

The full stack should now be running locally!

Let's check it out

Full test of the frontend integration

Regular user:

- Create a new user
- Login
- Create and invoice (for the wallet)
- Pay that invoice (from 'Bob' in Polar)
- Try to pay an invoice from the wallet (should fail)

Admin user:

- Login as our seeded admin user { username: "Alice", password: "pass1" }
- Create and invoice (for the wallet)
- Pay that invoice (from 'Bob' in Polar)
- Create an invoice (for 'Bob' in Polar)
- Pay that invoice from the wallet (should succeed)