

CBDC

1. Bin, Config and test-network are files related to Hyperledger Fabric
2. Smart Contract is in balance_transfer
3. Backend is in balance_transfer_app
4. Frontend is in balance_transfer_app_frontend

To start the Fabric network, follow the instructions in the readme file.

PART 1: Using peer command to interact with Chaincode

After successfully starting the network work through the command line functions to communicate with the chaincode through terminal.

PART 2: Using Fabric Application Gateway, Wallets to interact with Chaincode

Now that you have successfully interacted with the chaincode using command line it will have already created 1 admin user and 2 node users for interaction through the front-end app.

Part 3: Interaction with front-end

- Open balance_transfer_app in new terminal
- Run node app.js in order to start the server
- Open balance_transfer_app_frontend in new terminal
- Run npm install
- Run npm start

You will be able to view the frontend at localhost:3000 to interact with the smart contract functionality.