Electrum_SIG_Meeting_Minutes_2021-03-17

We discussed the scope and priorities of the project

- 1st priority is verifying and fixing any Electrum client cross-platform problems
  o there are some OSX problems which we need to fix

- 2nd priority is asset support
  o this will require changes to Electrum server in addition to the client
  o it will also require devs who know QT, which is used for the client GUI

We discussed that the Electrum client could also possibly be used for Mobile (Andoid & iOS) but consider that out of scope for this SIG

We discussed the need for more documentation

- for the source code itself, Doxygen is a lot of work formatting the code and the result is very low-level

- we discussed the possibility of using Sphynx
  o an example project which uses it: https://github.com/petertodd/python-bitcoinlib
  o and the resulting doc: https://python-bitcoinlib.readthedocs.io/en/latest/

Some useful materials are only currently published in the ledger-electrum channel. HyperPeek will copy them to the SIG channel -> DONE

We discussed the need to please test Electrum on testnet (please help the SIG by doing so)

- Please see the electrum-sig-meetings text channel for the latest instructions.
- if you want some testnet RVN for the testing, just post a testnet address in the SIG channel

We discussed BCH Electron-SLP: One of the goals of the Electrum-SIG is to add asset support. Bitcoin Cash forked Electrum to their own version called "Electron Cash". They forked that again to create a version called "Electron SLP" which supports BCH SLP assets. Do we have any volunteers who use "Electron SLP" or are willing to investigate it, and prepare a report for the SIG on whether we can use any code or GUI from Electron-SLP to save us time?

- Hans will ask this question in the other channels.

We discussed the importance of keeping testnet alive with miners. There was also concern raised that even if there are multiple miners on a single pool, the pool could go down as it recently did. So it would be best to have at least one solo GPU miner in addition to a pool.

- Hans will re-verify with Buzzdave about his intention to support testnet pool
- kingspace_Sam volunteered to solo GPU mine testnet

We discussed the fact that there are three separate components being worked on:

- The Electrum Server which is running alongside raven-qt on some nodes
- The Electrum client which the user runs and contains his wallet
- Optionally a Ledger or Trezor hardware wallet

Testing of Electrum does not require using Hardware Wallets, so please help test even if you don't use HW Wallets

We discussed the fact that much of the discussion has been about Hardware Wallets

- In general, they interface with Electrum client and function well. The only known problems occur when someone mines to a Hardware Wallet, which causes huge pool payment transactions due to many outputs, and huge Hardware Wallet payment transaction due to many inputs.
- Since HW Wallets are important, we will continue supporting HW wallet dev and helpdesk in this SIG
- itsSticky offered to write a 1-page doc describing the the Ledger functionality and limitations