Picking up and using a wallet

crypto251.0 Cryptocurrency and the Smileycoin

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Single-coin vs multi-coin wallets

Most cryptocurrency wallets are designed to handle a **single coin**.
Multi-coin wallets are used to handle **multiple currencies**.
A multi-coin wallet may assist the user in converting from one currency to another.
The usual single-coin wallets store the user's keys and addresses and keep track of the coins associated with each address.
Video explanations are available

Smileycoin wallets

The reference (core) wallet for Smileycoin is available for

- *Linux (as source code)*
- *Windows (as binary)*
- *OS X (as binary, for Mac)*

from `https://tutor-web.info/smileycoin/download`
Tablet users can pick either the Coinomi wallet (App/Play store) or the HTML5 wallet at `https://wallet.smileyco.in`
(for detail, see handout)

The configuration file

The **core wallet** (Linux/Mac/Win) has a configuration file (the web wallet does not)
Name of file: `smileycoin.conf`
Needs to contain a user and a password. Setup is automatic for Qt wallets, not so for command-line-only wallets (Linux).
The configuration file must include a rpcpassword - if not, the server terminates with an error.
Just follow the directions given in the error message. It is fine to use the password in the message (not the one given above).

Overview

Homework: Pick up a wallet to use (WIN, MAC, Linux)
UI: First Sweep and later Import the private key issued as a part of the course
See the handout for the homework task

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