

Compiling the wallet

crypto251.0 Cryptocurrency and the Smileycoin

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The Linux steps

- Get a computer running Linux
- Use git to download the SMLY wallet source
- Run the tools to compile the code
- Install the wallet where you want it

Quick video commenting on these slides:

<https://www.youtube.com/watch?v=3QekhlNOXyo&list=PLzTQcKBiNWB3>

Get a computer running Linux

Any Linux machine will do.

Some favourites:

- NUC
- Raspberry pi
- Any PC

Caveat: An old computer will do, but if it is **very** small (low on memory/disc space/slow) then it may be difficult to compile or run the wallet.

Linux: Use git to download the SMLY wallet source

Simple:

```
git clone http://github.com/tutor-web/smileyCoin
```

Gives a new folder, smileyCoin

Linux: Run the tools to compile the code

- ./autogen.sh
- ./configure
- make

Caveat: May need to modify src/Makefile on a Raspberry pi.

Linux: Install the wallet where you want it

Typical

- `cd`
- `mkdir bin`
- `cd smileyCoin/src`
- `mv smileycoind smileycoin-cli $HOME/bin`

Windows: Compiling the wallet

missing...

Mac OSX: Compiling the wallet

missing...

Overview

This section has given an overview of how to pick up a Smileycoin wallet. The Handout subsection describes some homework. Your instructor will give more detail.

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