Finance API
(featuring OneStatement)

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https://github.com/BenjaminEHowe/onestatement

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Why?

- 1 current account
- 2 savings accounts
- 1 credit card
- 1 charge card
- 1 "child" bank account
- Checking them = too much effort!

Existing Solutions

Money Dashboard (moneydashboard.com)

- Great user interface / analysis
- Requires handing all internet banking credentials to a third party
  - Liability for any resulting losses
    - My solution runs locally and is open source

How It Works

- Iterates through a config file
- Logs into internet banking
    - Much harder without a web browser / JavaScript
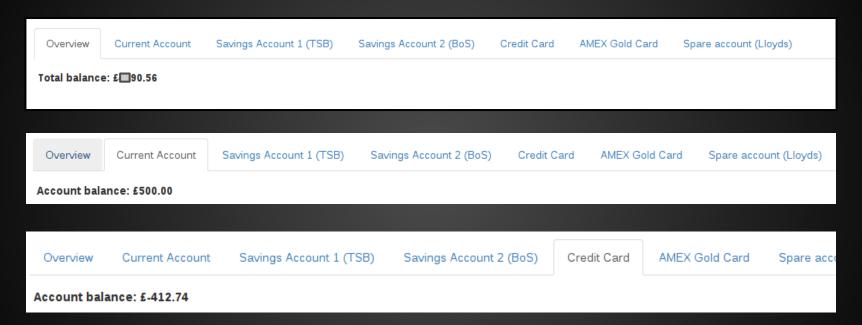- Searches the text on-screen for information

Correction

- Implementing a bank API takes a while
  - HSBC: took almost 48 hours
- Haven't managed to get statement data yet
- Should probably be called OneBalance :(

Screenshots

Unfortunately I can't do a live demo as the code only runs locally.

Screenshots

Potential Enhancements

https://github.com/BenjaminEHowe/onestatement/issues

- Config file isn't encrypted

  - Don't really care - full disk is encrypted, running Linux, have set very restrictive file permissions

- More integrations
- Connect to "payment aggregators"

Any Questions?
Thank you for listening!

If you would like to see a real demo please email or tweet me!

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