QtPass
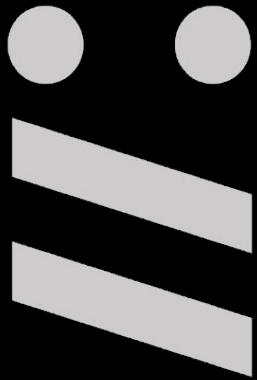
Anne Jan Brouwer

IJhack

FOSDEM 2017-02-04

About me

- Anne Jan Brouwer
- Developer / Hacker
- Co-founder of **IJhack**
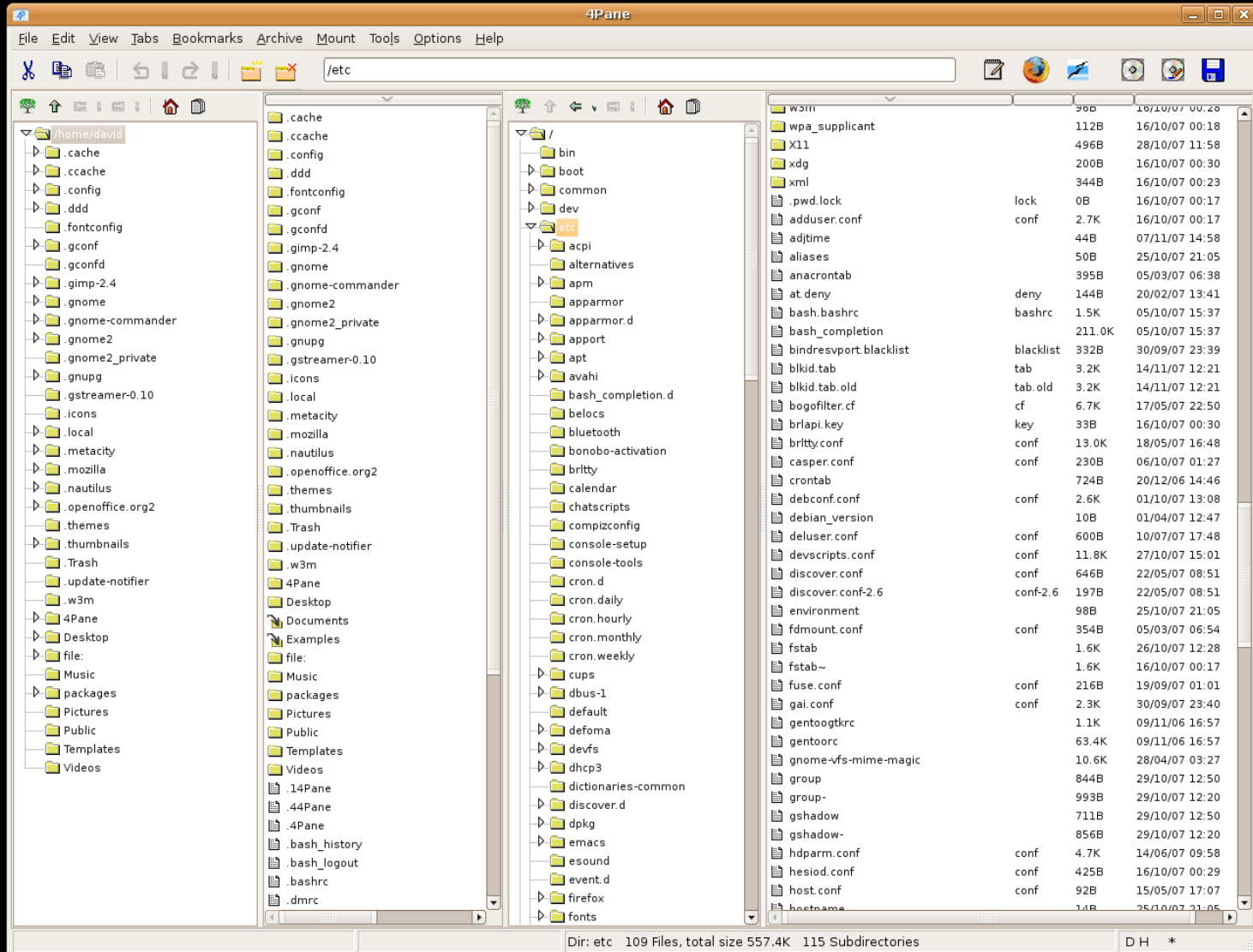- Sr. Developer at NoProtocol

QtPass

Current version 1.1.6

Working on 1.2 release

In the beginning

- Working at a full service bureau

- Lots of clients, lots of projects

- Many secrets per project
  - Login
  - Social
  - APIs
  - etc..

- Sometimes working with external developers

Before

No sane way to share

What we needed

- Store passwords securely
- Able to share with co-workers
- Able to share with externals
- Preferably open standards
- Preferably open source
- Easy to use
  - Developers
  - Managers

Pass

- The standard UNIX password manager
- passwordstore.org
- Bash
- GPG
- Git
- Tree
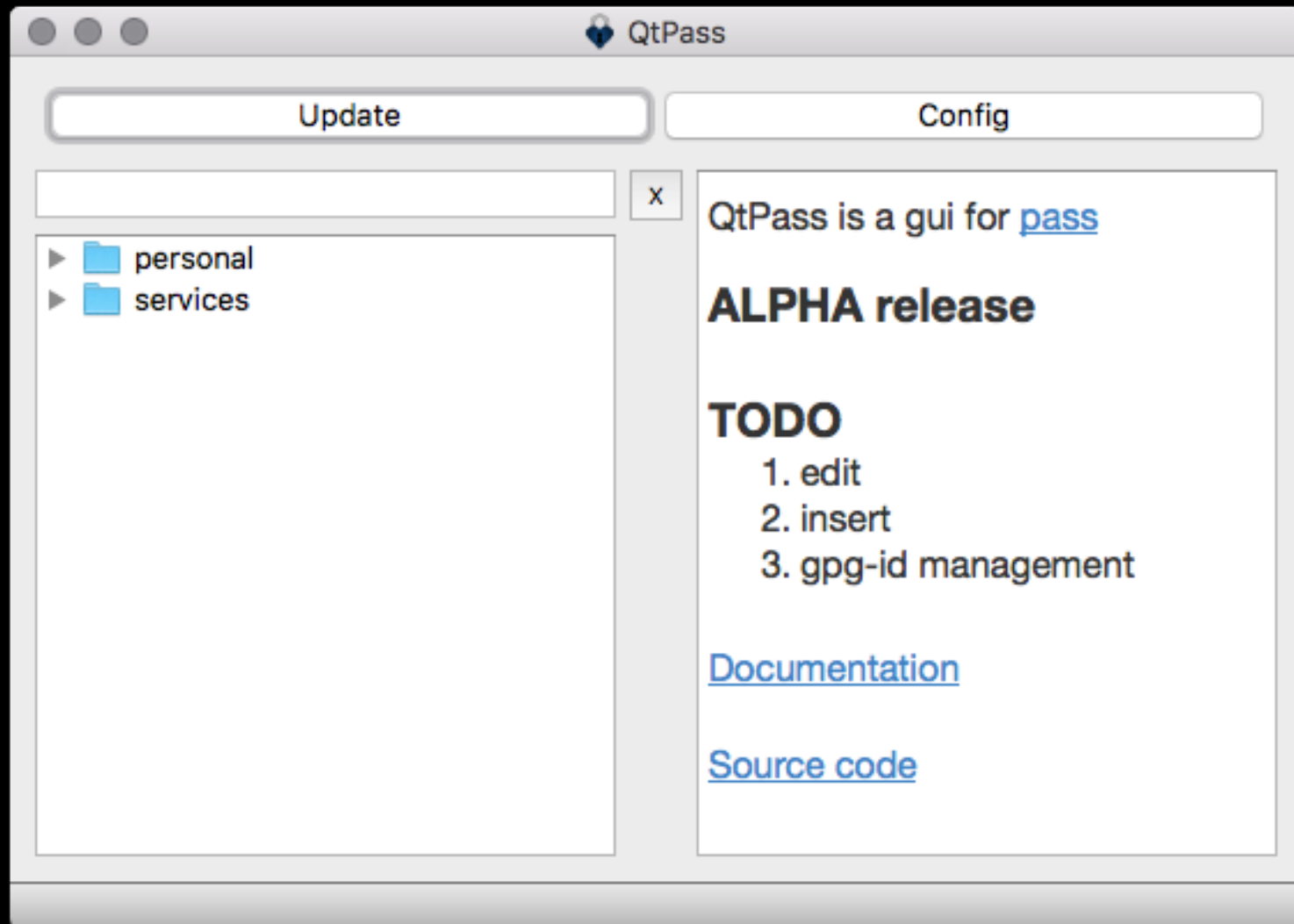- Pwgen

Pass

```
[annejan@anuspad ~]$ pass
Password Store
├── share
│   ├── another
│   │   └── test
│   │       ├── another test
│   │       ├── lol ok
│   │       ├── test123
│   │       ├── test
│   │       └── testing 1 2 3
│   └── test
├── test
│   ├── another test
│   ├── little more
│   ├── lol
│   ├── more
│   ├── more testing here
│   ├── new file
│   ├── some longer name goes here
│   ├── test
│   │   ├── lol
│   │   ├── nice :-)
│   │   ├── rest
│   │   └── test
│   └── test
[annejan@anuspad ~]$ █
```

Pass

- Developers loved it
- Automatable
- Can use tokens
  - GPGcard
  - Yubikey
  - Etc..
- Management fears CLI
  :-(

QtPass

QtPass

- PoC created in 2 nights
- Using **pass** and **git**
- Read only
- Put on **github**
- Mail to passwordstore mailinglist
  - 1 August 2014
- Quick little hackathon for translations
- Added "native" mode

QtPass

IJHack / **QtPass**

Unwatch ▾ 35   ★ Unstar 319   ⑂ Fork 69

<> Code   ⓘ Issues **42**   ⑂ Pull requests **0**   ▤ Projects **2**   Pulse   Graphs   ⚙ Settings

QtPass is a multi-platform GUI for pass, the standard unix password manager.   https://qtpass.org/   Edit

c-plus-plus   git   gpg   password-generator   password-manager   password-vault   qt5   Manage topics

⊙ **1,878** commits   ⑂ **6** branches   ⬦ **24** releases   ⓧ **41** contributors   ⚖ **GPL-3.0**

Branch: master ▾   New pull request   Create new file   Upload files   Find file   **Clone or download** ▾

annejan Travis Qt58   Latest commit 3e60ed8 8 hours ago

|		
artwork	Doxygen	8 months ago
icons	Cleaned-up icons by @jsimplicio via #143 (comment)	a year ago
localization	Fixed (some) translations	8 days ago
src	Some code fell out of my buffer	15 days ago
tests	use win32 crypt api for password generation on windows	18 days ago
.appveyor.yml	switch to mingw version	17 days ago
.coafile	Added coala bears and did some minor cleanup	10 months ago
.gitignore	Added doc/qtpass.1 from @innir and some minor cleanup	9 months ago

QtPass
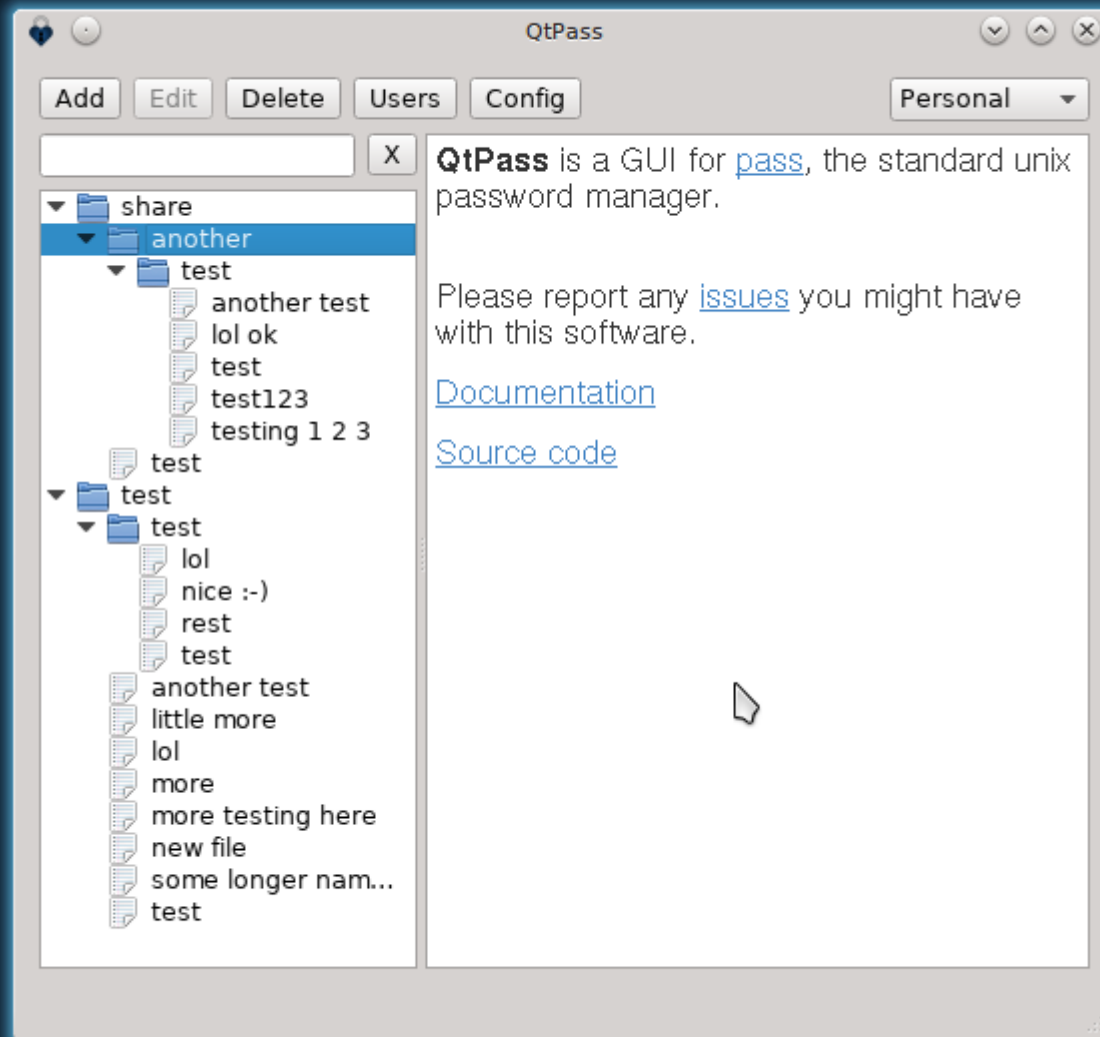
QtPass

- Easter 2015
- Pull requests
- Reimar Döffinger
- Adding / Editing
- Basic user management
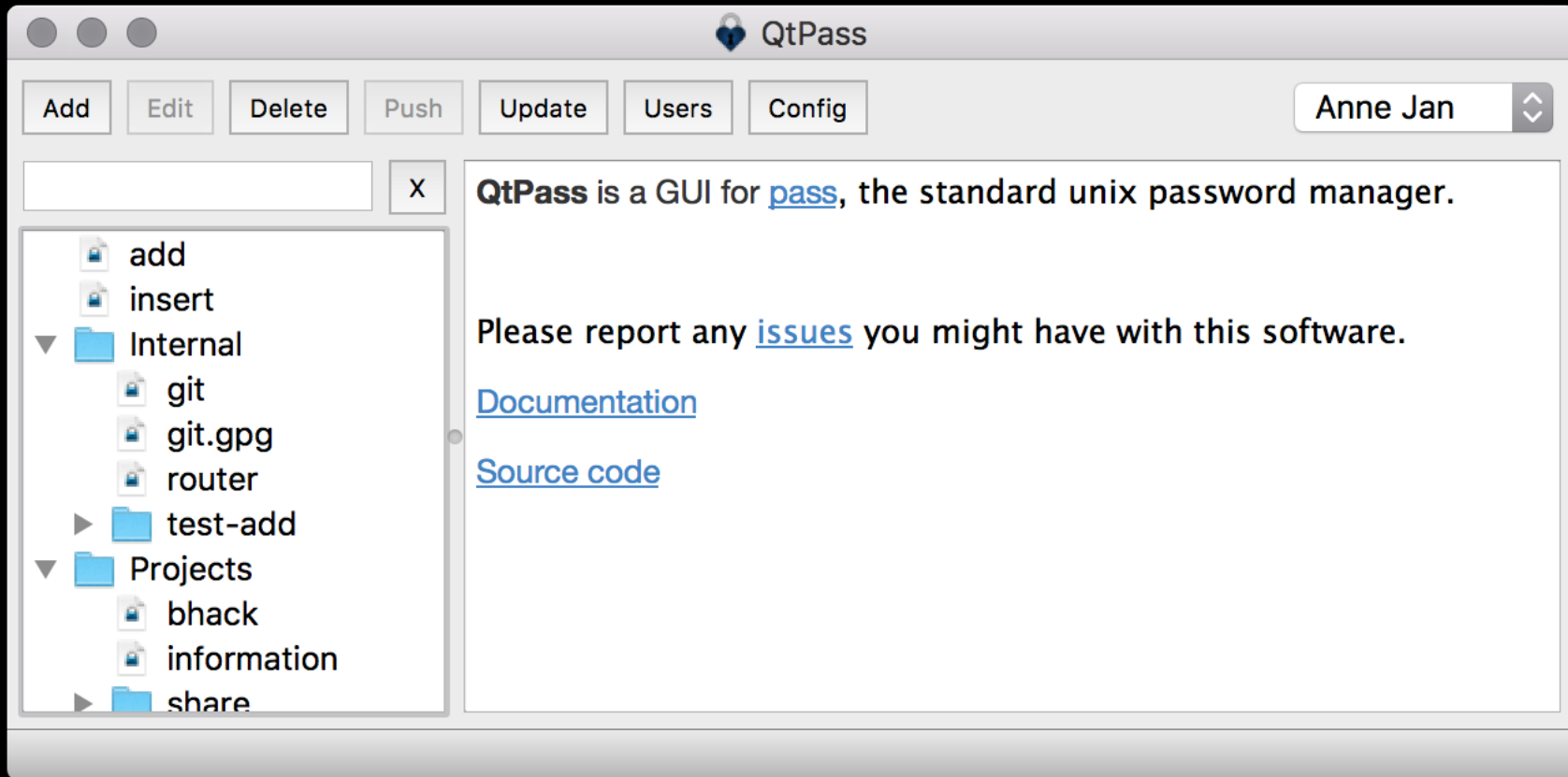- Windows Fixes

QtPass
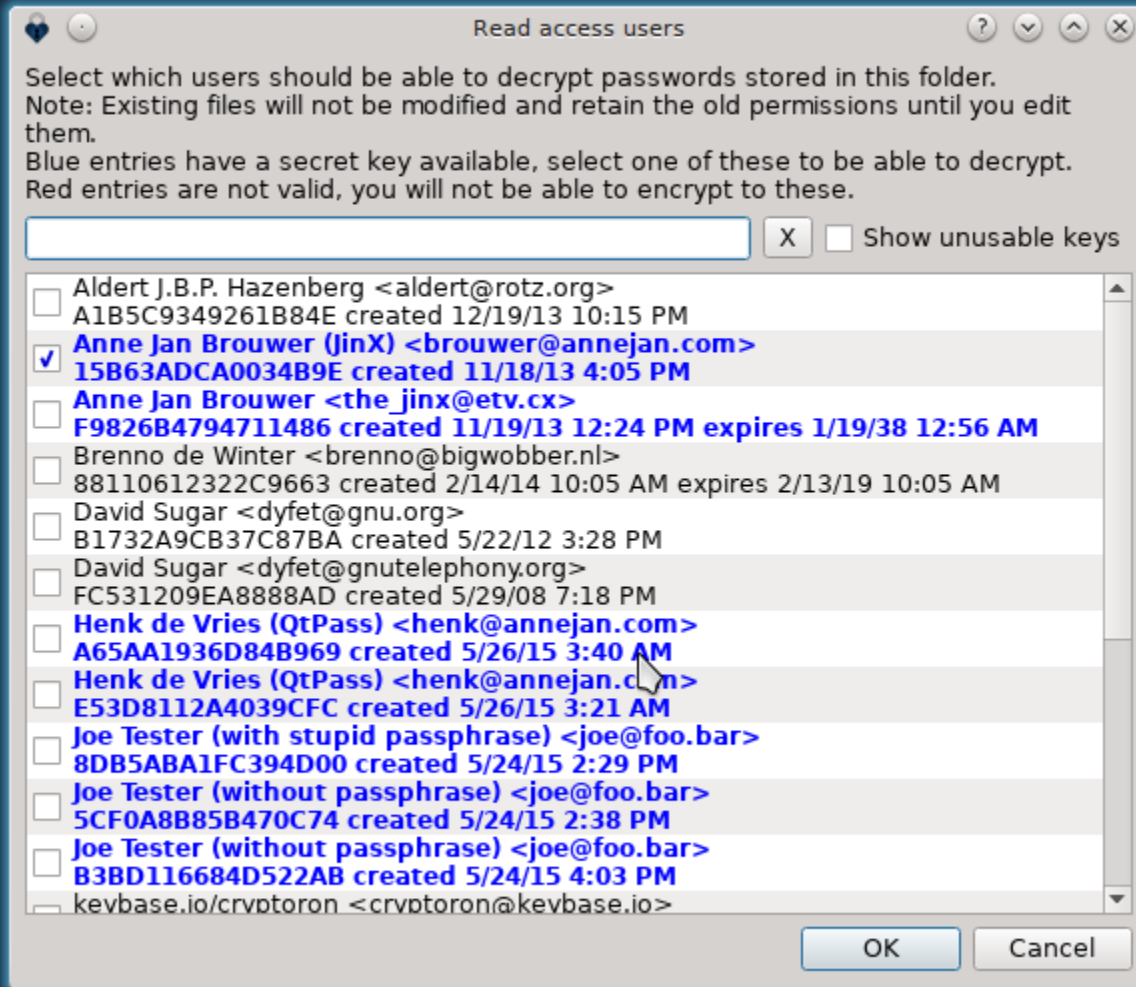
QtPass
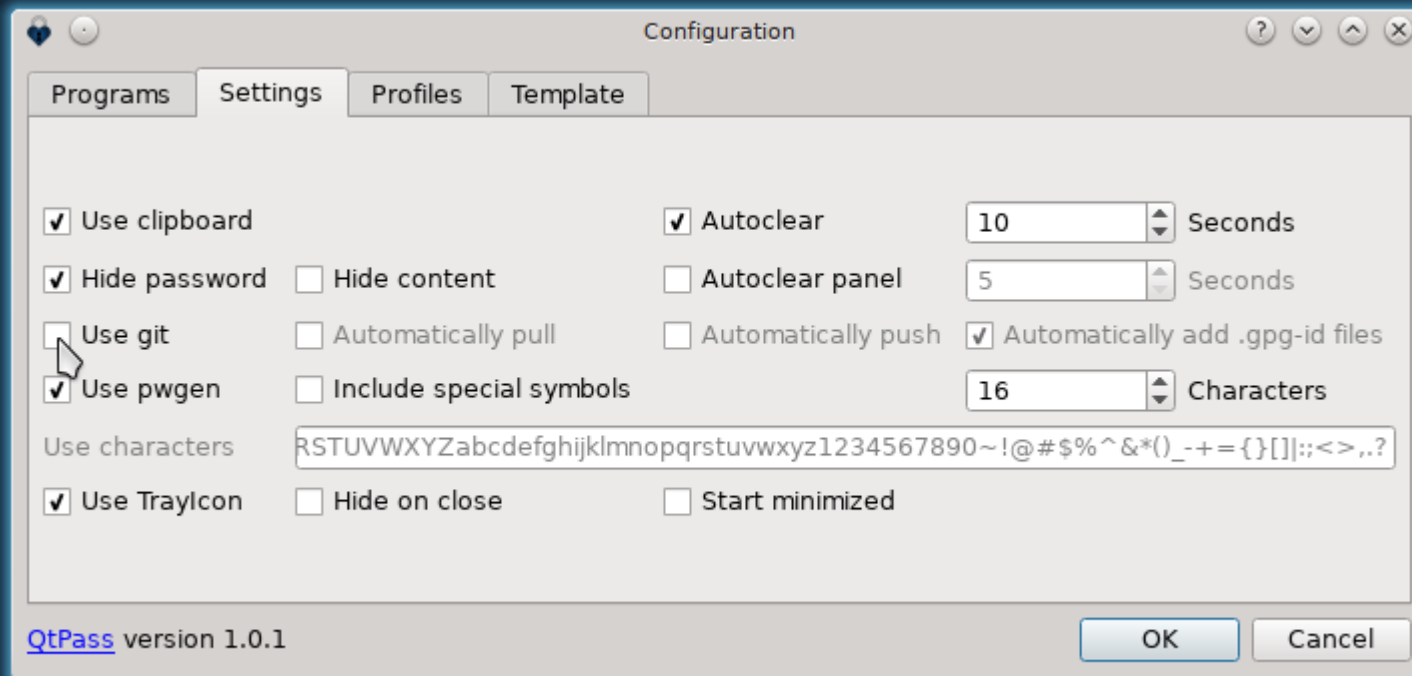
QtPass

- 1 August 2015
- 1 year celebration
- 1.0 release party
- Cafe Batavia 1920
- Translation hackathon
- IJduino workshop
- Beers

QtPass

QtPass

QtPass is a GUI for **pass**, the standard unix password manager.

Please report any **issues** you might have with this software.

Documentation

SourceCode

QtPass

Clear the password display after some time #86

Edit   New Issue

Closed   **karlgrz** opened this issue on Aug 5 · 5 comments

karlgrz commented on Aug 5

I briefly searched through the open and closed issues to see if this was already mentioned, so forgive me if I missed it.

I see the "Hide Password" and "Hide Content" options in Config, but what I think would be cool is if the password / content window respected the "Autoclear" option and duration.

For example, if I have "Autoclear" set to 25 seconds, and "Hide Password" and "Hide content" unchecked, it would be great if that panel was cleared out when the clipboard was cleared out.

If this is something that sounds good I'd love to give it a shot implementing it if you would point me in the right direction. I haven't touched C++ in ages, heh.

Labels

None yet

Milestone

No milestone

Assignee

No one—assign yourself

Notifications

◀× Unsubscribe

You're receiving notifications

QtPass

annejan commented on Aug 5   Owner ✏️ ✕

I would prefer adding a separate checkbox (and number box) for this option.

In short adding a configurable feature requires you to:

1) Add (private) variable(s) in `mainwindow.h`

2) Add the stuff in `dialog.cpp` (and `.h` and `.ui`) for the config interface.

3) In `mainwindow.cpp` read variables from settings in `checkConfig` method.
In `config` set variables in dialog, read them back (after ok) and update settings.

4) Use them new variables :-)

I think it's a smart thing to do this kind of thing in a separate branch in git.
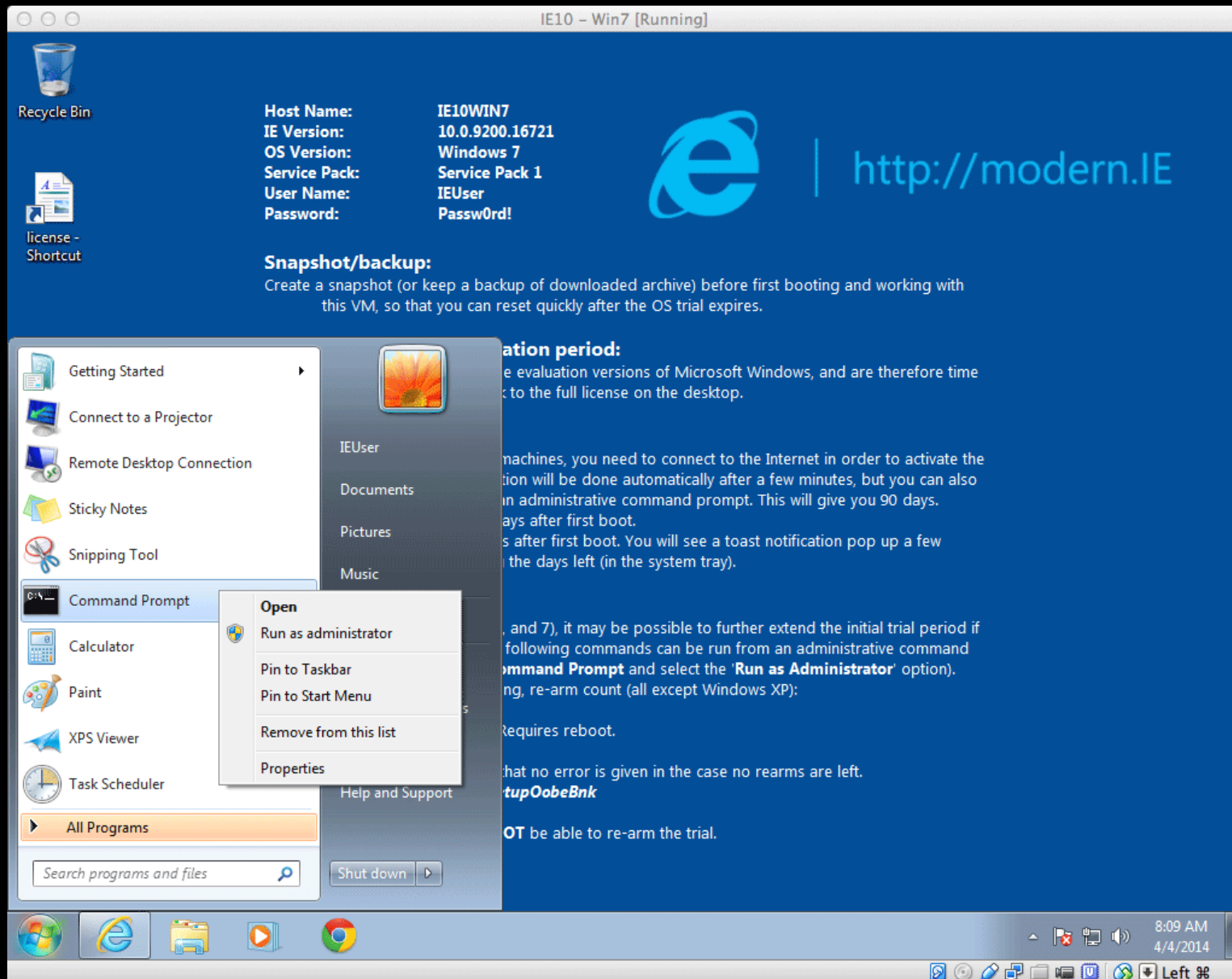
QtPass

QtPass

QtPass

QtPass

- Doing CI
- Travis
  - Linux
  - macOS
- Coverity
  - Static code analysis

QtPass

```yaml
language: cpp
os:
- linux
- osx
compiler:
- gcc
- clang
script:
- qmake -v
- qmake -Wall qtpass.pro
- make -j$(nproc)
notifications:
  irc:
    channels:
    - chat.freenode.net#IJhack
    on_success: change
    on_failure: always
```

QtPass

QtPass

```yaml
install:
  - set QTDIR=C:\Qt\5.7\mingw53_32
  - choco install -y InnoSetup
  - set PATH=%QTDIR%\bin;C:\Qt\Tools\mingw530_32\bin;%PATH%;"C:\Program Files (x86)\Inno Setup 5"
build_script:
  - qmake qtpass.pro CONFIG+=static
  - mingw32-make
#after_build:
  - cmd: copy README.md src\release\README.txt
  - cmd: copy LICENSE src\release\LICENSE.txt
  - iscc qtpass.iss
artifacts:
  - path: Output\qtpass-*.exe
  - path: src\release\qtpass.exe
deploy:
  provider: GitHub
  auth_token:
    secure: YfscG1DR0+kApThPXxQSr+ZEjUOUlIG0Tqc5+90IFsUInyICRRMdbJsbxR2qhq/p
  artifact: /qtpass-[0-9]+\.[0-9]+\.[0-9]+\.exe/
  draft: true
  prerelease: false
  on:
    appveyor_repo_tag: true
```
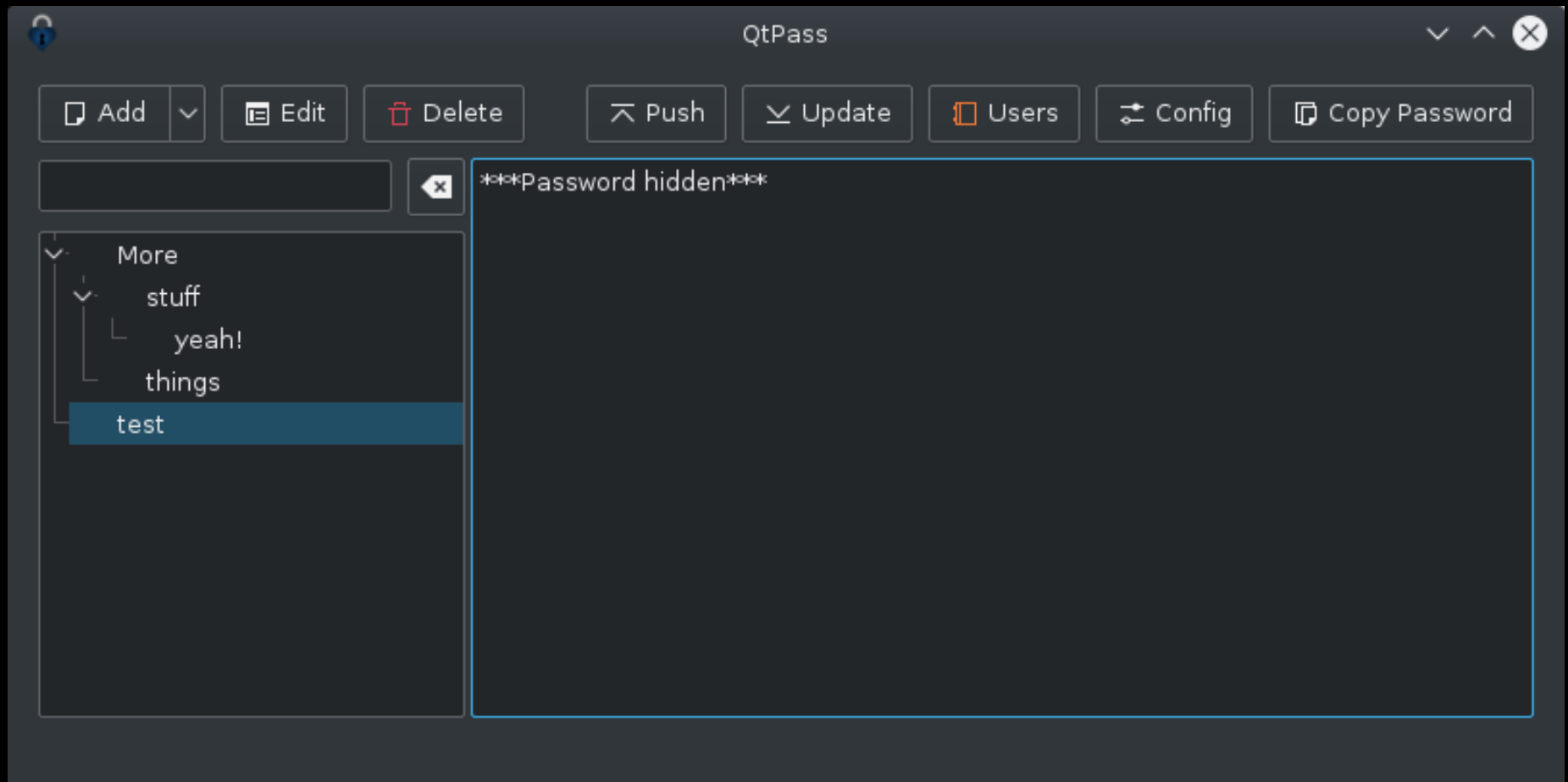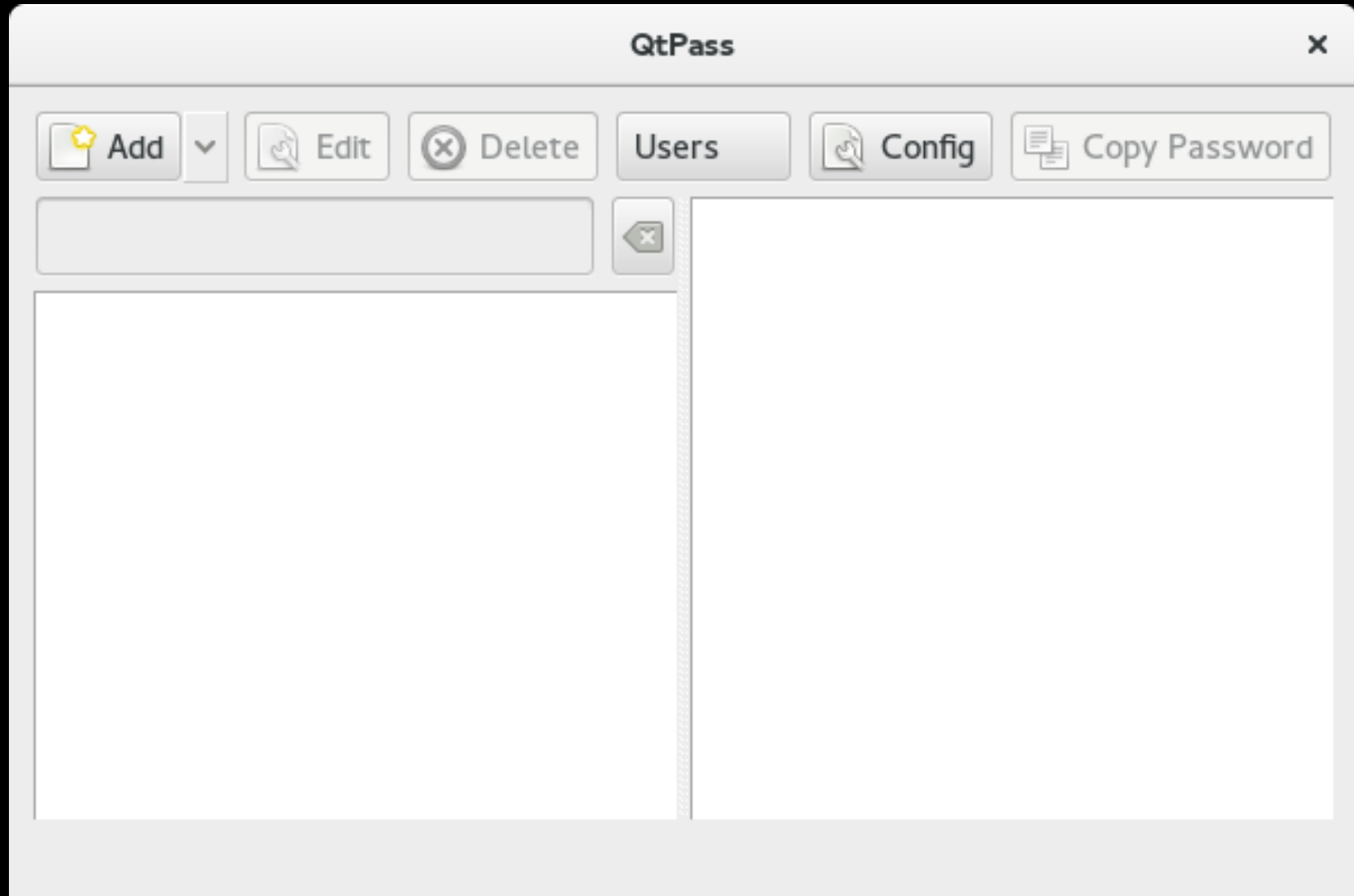
QtPass

- More people contributing

- UX changes

- Iconography

  – Native

  – Fallback SVGs

- Lots of features
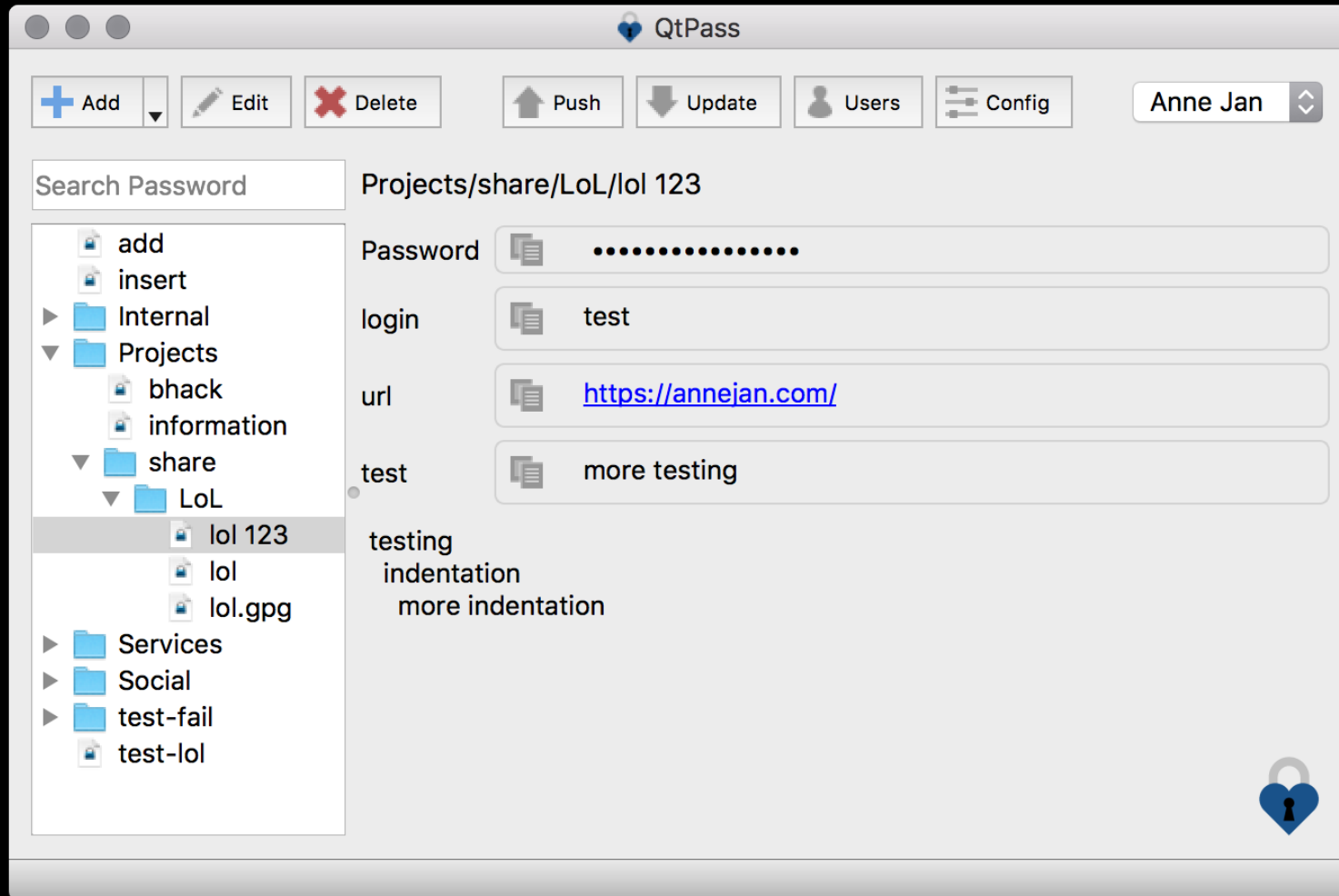
- 1.1 release

QtPass

QtPass

QtPass

- Currently working on 1.2 release
- Active contributors
- Refactoring
- Unit tests
- UI and UX changes

QtPass

QtPass

qtpass.org

QtPass

qtpass.org