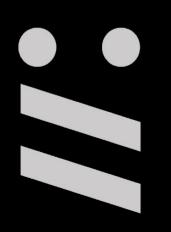


Anne Jan Brouwer IJhack

FOSDEM 2017-02-04

About me

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







Current version 1.1.6

Working on 1.2 release

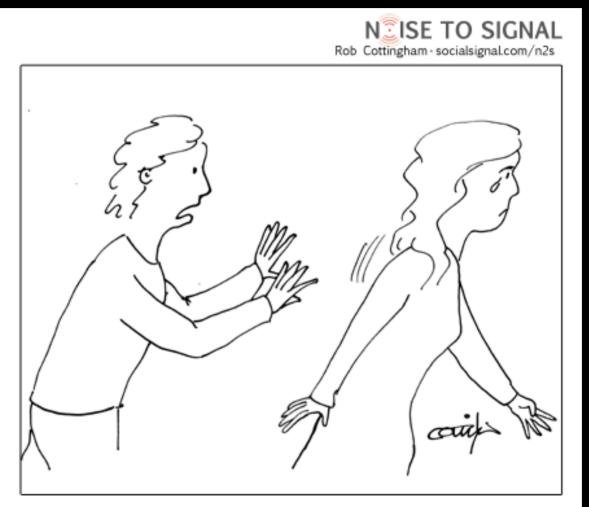
In the beginning

- 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

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No sane way to share



But we can't break up! Think of all the passwords we'd have to change!

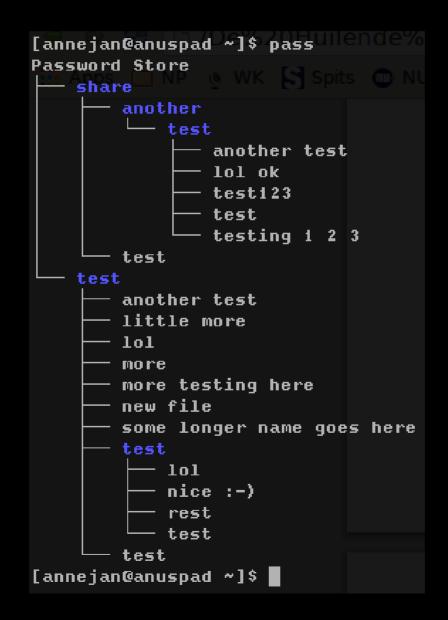
What we needed

- 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



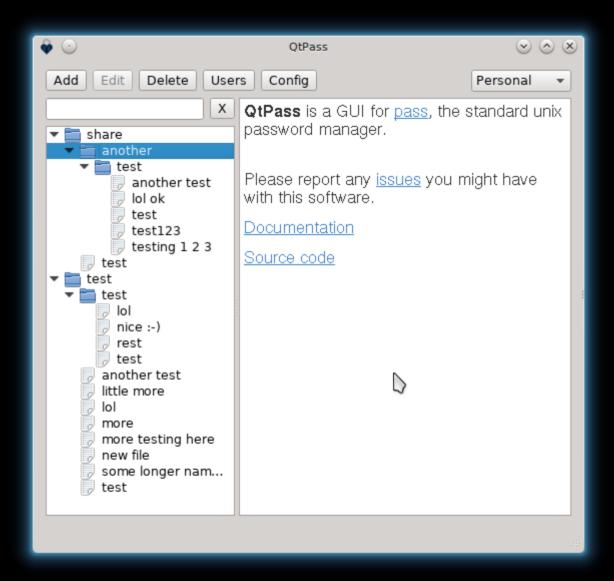
Pass

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

•••	QtPa	SS
Update		Config
	x	QtPass is a gui for pass
 personal services 		ALPHA release
		 TODO edit insert gpg-id management Documentation Source code

- 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

This repository Search	Pull requests Issue	es Gist	🌲 +- 👼
IJHack / QtPass		O Unwatch → 35 🛧 Unstar	319 § Fork 69
Code ① Issues 42	🕅 Pull requests 0 🔲 Projects 2 4~ Puls	se 🔟 Graphs 🔅 Settings	
Pass is a multi-platform	GUI for pass, the standard unix password mar	nager. https://qtpass.org/	Edit
plus-plus git gpg p	bassword-generator password-manager password-va	ault qt5 Manage topics	
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artwork i icons i localization src i tests	Cleaned-up icons by @jsimplicio via #143 (Fixed (some) translations Some code fell out of my buffer use win32 crypt api for password generation	(comment) on on windows	8 months ago a year ago 8 days ago 15 days ago 18 days ago

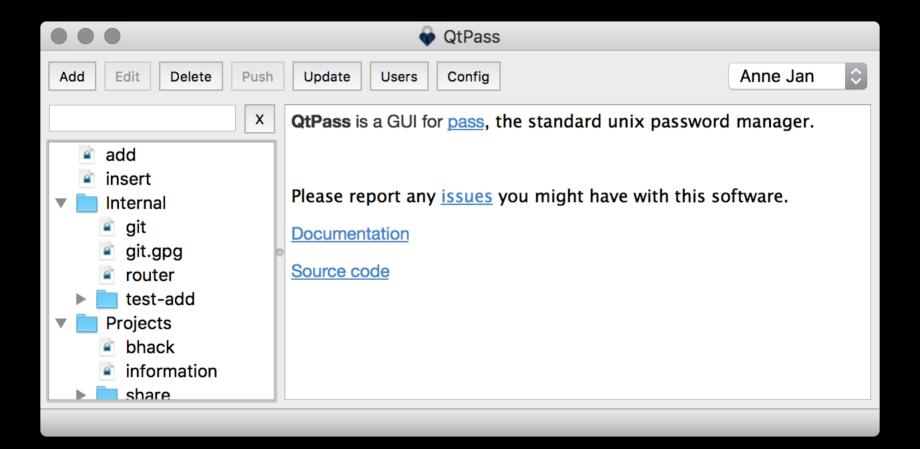


- Easter 2015
- Pull requests
- Reimar Döffinger
- Adding / Editing
- Basic user management
- Windows Fixes

₽ ⊙	Read access users	8 O S
	s should be able to decrypt passwords stored in t s will not be modified and retain the old permissior	
Blue entries have Red entries are no	a secret key available, select one of these to be a ot valid, you will not be able to encrypt to these.	able to decrypt.
	📃 🔍 🗌 s	show unusable keys
🗆 A1B5C934926	azenberg <aldert@rotz.org> 01B84E created 12/19/13 10:15 PM</aldert@rotz.org>	<u> </u>
	uwer (JinX) <brouwer@annejan.com> 034B9E created 11/18/13 4:05 PM</brouwer@annejan.com>	
	uwer <the_jinx@etv.cx> 11486 created 11/19/13 12:24 PM expires 1/19/</the_jinx@etv.cx>	38 12:56 AM
🔄 Brenno de Wir	nter <brenno@bigwobber.nl> C9663 created 2/14/14 10:05 AM expires 2/13/19</brenno@bigwobber.nl>	
👝 David Sugar <	:dyfet@gnu.org> /C87BA created 5/22/12 3:28 PM	
👝 David Sugar <	dyfet@gnutelephony.org> 888AD created 5/29/08 7:18 PM	
🔄 🗖 Henk de Vries	s (QtPass) <henk@annejan.com> 84B969 created 5/26/15 3:40 AM</henk@annejan.com>	_
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👝 Joe Tester (wi	th stupid passphrase) <joe@foo.bar> 394D00 created 5/24/15 2:29 PM</joe@foo.bar>	
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✔ Hide pass	word 🗌 H	lide conten	t	Autoclear panel	5 Seconds
Use git	A	utomatical	y pull	Automatically push	Automatically add .gpg-id files
Use pwge	n 🗌 I	nclude spea	cial symbols		16 Characters
Use characte	ers RST	UVWXYZab	cdefghijklmr	opqrstuvwxyz123456789	90~!@#\$%^&*()+={}[] :;<>,.?)
🗸 Use Traylo	on 🗌 H	lide on clos	e	Start minimized	
<u>QtPass</u> versior	n 1.0.1				OK Cancel

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



QtPass

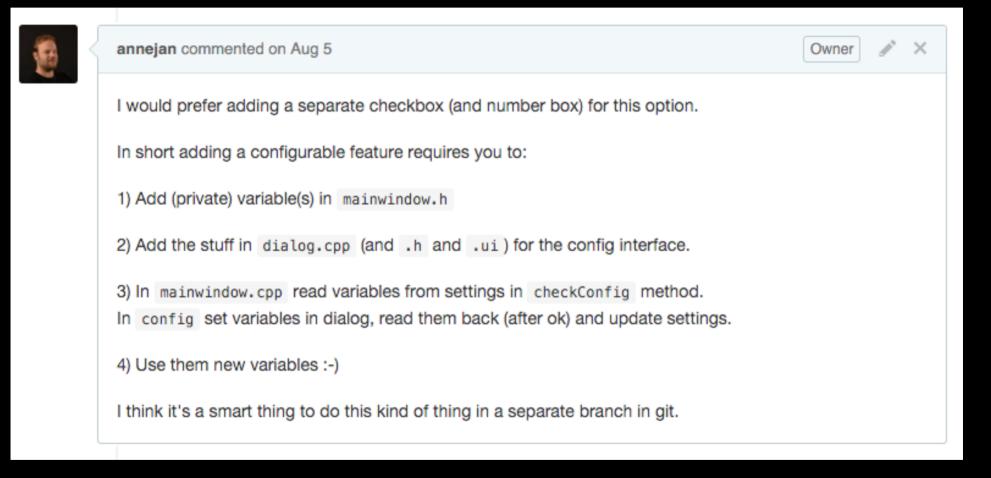
QtPass is a GUI for **pass**, the standard unix password manager.

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

Documentation

<u>SourceCode</u>

Clea ^{© Close}	r the password display after some time #86 karlgrz opened this issue on Aug 5 · 5 comments	Edit	Issue
Jan L	karlgrz commented on Aug 5	Labels	¢
	I briefly searched through the open and closed issues to see if this was already mentioned, so forgive me if I missed it.	None yet Milestone	\$
	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.	No milestone	
	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.	Assignee No one-assign yourself	¢
	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.	Notifications	
		You're receiving notifications	



Issue 86 clear panel #87

Conve	ersation 3 - Commits 2 - Files char	nged 6	
	karlgrz commented on Aug 6		
×	Implemented a "Autoclear panel" checkbox an	nd corresponding duration co	ontrol in the Config tab.
			•
	Configuration Programs Settings Profiles		
	Configuration Programs Settings Profiles		
		⊘ Autoclear	25 😴 Seconds
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	Programs Settings Profiles Image: Wight of the set of the s	_	5 Ceconds
	Programs Settings Profiles Image: Use clipboard Image: Use clipboard Image: Use clipboard Image: Hide password Image: Hide content	🥣 Autoclear panel	5 Seconds
	Programs Settings Profiles Image: Use clipboard Image: Use clipboard Image: Use clipboard Image: Hide password Image: Hide content Image: Use git Image: Automatically pull in updates	🥣 Autoclear panel	5 Seconds

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▼ 🚞 share		url	http://qtpass.org	
 another test 		login	lol	
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📄 nice :-)				
<pre> rest test </pre>				
another test	_			
little more	•			

🗣 🕑 Passwo	rd /home/annejan/.password-store/test 🕐 📀 🚫
•••••	Generate
Show pass	word
url	http://qtpass.org
login	lol
nog een veld	met info
hihi	cool
meer info	
	OK Cancel

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

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



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:

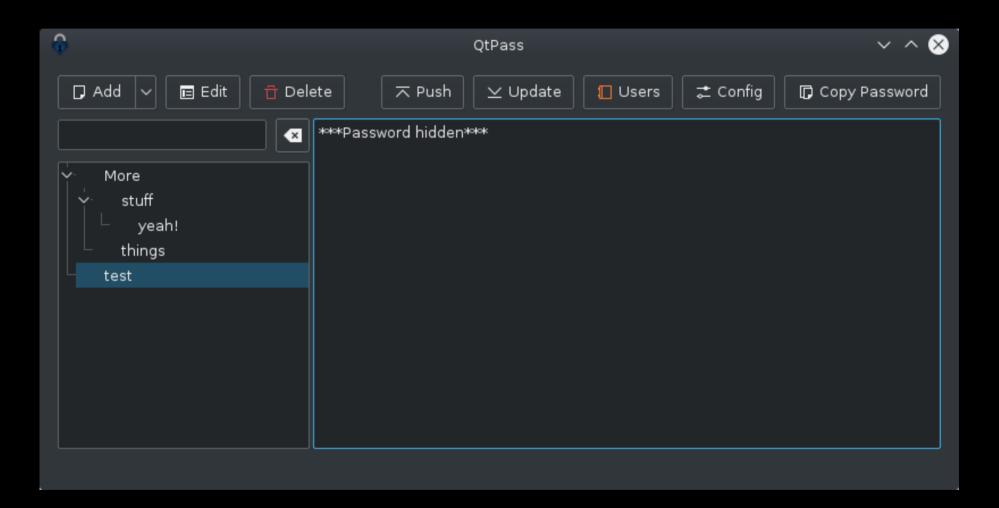
```
provider: GitHub
auth_token:
    secure: YfscG1DR0+kApThPXxQSr+ZEjU0UlIG0Tqc5+90IFsUInyICRRMdbJsbxR2qhq/p
artifact: /qtpass-[0-9]+\.[0-9]+\.[0-9]+\.exe/
draft: true
```

prerelease: false

on:

```
appveyor_repo_tag: true
```

- More people contributing
- UX changes
- Iconography
 - Native
 - Fallback SVGs
- Lots of features
- 1.1 release



	QtPass	×
Add 🗸 🛃 Edit 🛛 🐼 Delete	Users	Config Copy Password

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

Add Edit Delete Push Update Users Config Anne Jan Search Password Projects/share/LoL/lol 123 Password Password Image: Config Projects/share/LoL/lol 123 Password Password Password Image: Config Projects/share/LoL/lol 123 Password Image: Config Projects/share/LoL/lol 123 Password Image: Config Password Password Password Password Image: Config Projects Image: Internal Image: Internal	$\bullet \bullet \bullet$	👽 QtPass
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qtpass.org



qtpass.org

