

NAME

pris - mouse-driven terminal interface for the **pass** password store

SYNOPSIS

pris
pris --init
pris --check
pris --otp *pass-name*
pris --qr *text*
pris --read-qr *image-file*
pris --version | **--help**

DESCRIPTION

pris is a full-screen terminal interface for **pass**(1), the standard Unix password manager, with built-in one-time passwords compatible with **pass-otp**. It works on an existing password store without converting it: every entry is a GnuPG-encrypted file under *~/.password-store*, and every change is made by a bundled copy of **pass** 1.7.4, so encryption, re-encryption and git commits are exactly what **pass** itself does.

Everything can be done with the mouse or the keyboard. Mouse input is read from the terminal (xterm SGR or X10 reporting) or, on the Linux text console, from **gpm**(8).

Decryption is done by the system **gpg**(1), so **gpg-agent** caching, smartcards and **pinentry** work as they do with **pass**. **pris** first tries to decrypt without a prompt; if the agent needs a passphrase, **pris** hands the terminal to **pinentry** and returns afterwards.

OPTIONS

--init

Open the first-run screen to create a new store: pick the GnuPG key or keys to encrypt for, and optionally set up git history. This is what **pass init** does. It refuses if the store already has a *.gpg-id* file. Running **pris** with no store opens the same screen.

--check

Report whether **gpg**, a clipboard tool, **gpm** and the store are available, then exit.

--otp *pass-name*

Print the current one-time code for the entry and exit.

--qr *text*

Print *text* as a QR code in the terminal.

--read-qr *image-file*

Print the text of a QR code found in a PNG, baseline JPEG, BMP, PGM or PPM image.

--version, --help

Print the version or a usage summary.

MOUSE**Click**

Select an entry; click a folder's arrow to open or close it.

Double-click

Open (decrypt) an entry, or open or close a folder.

Right-click

Menu of actions for the entry or folder under the pointer.

Wheel

Scroll the list or the entry.

Drag an entry onto a folder

Move it there (after a confirmation dialog).

Drag the divider

Resize the two panes.

Buttons

Show, Copy, QR, Add OTP and the rest do what they say.

On the Linux console, Shift-click and Shift-drag are left to gpm, so its own copy and paste of screen text still works.

KEYS**Browsing****Up, Down, j, k**

Move.

Enter, Right, l

Open an entry or folder.

Left, h

Close a folder or go to the parent folder.

Space

Open or close a folder.

/, Ctrl-F

Find entries by name (fuzzy). Esc clears.

Ctrl-G, F3

Search inside entries (decrypts each one), like **pass grep**.

m, F10

Actions menu.

r, Ctrl-R

Reload the store.

?, F1

Help.

q, Ctrl-C

Quit.

Using entries

c Copy the password (or, for an OTP-only entry, the code).

1-9 Copy line N of the entry.

s Show or hide the password.

o Copy the one-time code. For HOTP entries the next counter is saved.

u Copy the otpauth:// URI.

Q Show the password as a QR code.

y Copy the entry's name.

Changing the store

n, Insert

New entry: name, password (or a random one) and more lines.

- g** Generate a password, optionally replacing only the first line.
- e** Edit the entry in the built-in editor (Ctrl-S saves).
- E** Edit the entry in **\$EDITOR** (runs **pass edit**).
- F2** Rename or move.
- F5** Copy.
- Del** Delete, after confirmation. Enter in the confirmation cancels.
- O** Add or replace the OTP secret: an otpauth:// URI, a base32 secret key with issuer or account, or a QR image file.
- K** Choose the GnuPG keys a folder is encrypted for and re-encrypt it (**pass init -p**).
- G** Git: status, recent changes, pull, push, or any **pass git** command.
- x** Run an installed pass extension.

In dialogs

Tab and Shift-Tab move between fields, Enter or Ctrl-S saves, Esc cancels, Space ticks a checkbox, Ctrl-R shows or hides a password field. Cancelling the entry editor after changing the text asks before discarding the changes; Enter or Esc there returns to the editor. Pasting (bracketed paste) works in any text field.

CLIPBOARD

Copied secrets are cleared after **PASSWORD_STORE_CLIP_TIME** seconds; if the clipboard still holds the copied value at that time, what was there before is put back, as pass does. The timer runs in a detached **pris** process, so it survives quitting. **pris** uses **wl-copy(1)** on Wayland, **xclip(1)** or **xsel(1)** on X11, tmux's paste buffer when running inside tmux with no graphical session, or an OSC 52 escape sequence when **PRIS_OSC52=1** (useful over SSH; the terminal must allow it: in iTerm2, turn on "Applications in terminal may access clipboard"; Terminal.app has no OSC 52).

ENVIRONMENT

PASSWORD_STORE_DIR

The store (default *~/.password-store*).

PASSWORD_STORE_CLIP_TIME

Seconds before the clipboard is cleared (default 45).

PASSWORD_STORE_X_SELECTION

clipboard (default) or **primary**.

PASSWORD_STORE_GPG_OPTS

Extra options for gpg.

PASSWORD_STORE_GENERATED_LENGTH

Default length of generated passwords (25).

PASSWORD_STORE_UMASK

File creation mask (default 077).

PASSWORD_STORE_ENABLE_EXTENSIONS, PASSWORD_STORE_EXTENSIONS_DIR

Allow extensions from the store's *.extensions* folder (or the given folder), as in *pass*.

PRIS_SYSTEM_EXTENSION_DIR

Folder of system-wide pass extensions (default: the first of */usr/lib/password-store/extensions* and similar that exists).

PRIS_IDLE_SECS

Close the open entry after this many idle seconds (default 300).

PRIS_OSC52

Set to 1 to copy through the terminal with OSC 52.

PRIS_GPM

Set to 1 to force gpm mouse support, 0 to disable it.

PRIS_BASIC

Use 16 colours and plain characters (automatic when **TERM=linux**).

EDITOR

Editor for **E**.

FILES

~/.password-store/

The store: one *.gpg* file per entry, *.gpg-id* files listing recipients, and optionally a git repository.

/dev/gpmctl

gpm's socket, used on the Linux console.

SECURITY

pris never sees your private key or passphrase; gpg-agent and pinentry handle them. Decrypted text is kept only in memory, in buffers locked against swapping (within the memlock limit) and wiped when closed; open entries, search results, QR codes and the editor are closed after **PRIS_IDLE_SECS** of inactivity. Core dumps are disabled and the process is marked non-dumpable. Names, entry contents and QR codes cannot send escape sequences to the terminal, image files are parsed with strict limits, and pris will not delete or move a folder through a symbolic link. See *SECURITY.md* for the full threat model. Search (Ctrl-G) decrypts every entry, as **pass grep** does. QR codes and shown passwords are visible on screen and may stay in terminal scrollbar outside pris's alternate screen; close them when done.

EXIT STATUS

0 on success, 1 on an error, 2 for a usage error.

SEE ALSO

pass(1), **gpg(1)**, **gpg-agent(1)**, **pinentry(1)**, **gpm(8)**, **git(1)**

AUTHORS

pris contributors. pass is by Jason A. Donenfeld; pass-otp by Tad Fisher.

LICENSE

GPL-2.0-or-later.