KeePassXC

Password manager

START HERE

Ctrl + O
Open a database

Ctrl + C
Copy password

Ctrl + N
New entry

Ctrl + T
Copy TOTP code

Ctrl + F
Search entries

Ctrl + Shift + V
Auto-Type into window

Ctrl + B
Copy username

Ctrl + L
Lock database

Database one .kdbx file
Group folder, can nest
Entry login, notes, TOTP

CONCEPTS

Shortcuts shown are for Windows and Linux. On macOS read Ctrl as Cmd.

A database is one encrypted .kdbx file. Sync it with any cloud tool; it stays encrypted on disk.

Auto-Type has no default hotkey. Set one under Tools > Settings > Auto-Type.

Search, Auto-Type and clipboard copies work only while the database is unlocked.

DATABASE AND WINDOW

Ctrl + O Open database

Ctrl + Shift + N
New database

Ctrl + S Save database

Ctrl + Shift + S
Save database as

Ctrl + L
Lock current database

Ctrl + Shift + L
Lock all databases

Ctrl + W / Ctrl + F4
Close database

Ctrl + Shift + ,
Database settings

Ctrl + , Application settings

Ctrl + Shift + R
Database reports
Shows weak, duplicate and expired passwords.

Ctrl + Tab / Ctrl + PgDn
Next database tab

Ctrl + Shift + Tab / Ctrl + PgUp
Previous database tab

Ctrl + 1-9
Jump to database tab n

Ctrl + M Minimize window

Ctrl + Shift + M
Hide window

Ctrl + Q Quit

Ctrl + /
Show keyboard shortcuts

ENTRIES

Ctrl + N New entry

ENTRIES (cont.)

Enter / Ctrl + E Edit entry

Del Delete entry
Goes to the Recycle Bin when enabled; delete there to remove for good.

Ctrl + B Copy username

Ctrl + C Copy password

Ctrl + U Copy URL

Ctrl + Shift + U
Open URL in browser

Ctrl + T Copy TOTP code

Ctrl + Y
Copy password and TOTP

Ctrl + Shift + T
Show TOTP in a window

Alt + Up
Move entry up (unsorted list)

Ctrl + Shift + C
Toggle passwords hidden

Ctrl + Shift + B
Toggle usernames hidden

Ctrl + H
Add key to SSH agent

Entry URL schemes

Scheme	Does
`cmd://<cmd>`	Run a command
`kdbx://<path>`	Open another database
`ssh://<host>`	Hand off to the OS handler

Clipboard copies are cleared after a timeout set in Application Settings > Security.

SEARCH AND NAVIGATION

Ctrl + F / F3 Focus search

Esc Clear search

F1 Focus groups

F2 Focus entries

Ctrl + Shift + J
Jump to entry's group from search

Search terms

Term	Matches
`user:<text>`	Username field
`url:<text>`	URL field
`tag:<name>`	Tag
`+<term>`	Exact match
`-<term>`	Exclude
`*<term>`	Regular expression
`a|b`	a OR b
`is:expired`	Expired entries
`is:weak`	Weak passwords

SEARCH AND NAVIGATION (cont.)

Plain search looks in title, username, URL, tags and notes. Field abbreviations: t u p url n attr g tag.

AUTO-TYPE

Ctrl + Shift + V
Auto-Type selected entry
Types into the window that was focused before KeePassXC.

Placeholders

Code	Types
`{USERNAME}`	Username
`{PASSWORD}`	Password
`{TOTP}`	Current TOTP
`{URL}`	URL
`{TITLE}`	Entry title
`{S:<attr>}`	Custom attribute

Actions

Code	Does
`{TAB}` `{ENTER}`	Press the key
`{SPACE 5}`	Repeat key 5 times
`{DELAY 500}`	Pause 500 ms
`{DELAY=20}`	Key delay 20 ms
`{CLEARFIELD}`	Clear the field
`{PICKCHARS}`	Pick password chars

Modifiers

Prefix	Key
`+`	Shift
`^`	Ctrl
`%`	Alt
`#`	Win / Cmd

Window title match

Pattern	Matches
`*`	Any window
`*Bank*`	Title contains Bank
`//^Login.*$//`	Regular expression

Default sequence is {USERNAME}{TAB} {PASSWORD}{ENTER}. Set it on the root group to change it for all entries.

Leave an association's window title blank to get an extra sequence offered for every window.

Under Tools > Settings > Auto-Type, raise the delays if typing drops characters.

COMMAND LINE

keepassxc-cli ships with KeePassXC. Run keepassxc-cli <command> -h for help; man keepassxc-cli has the rest.

`keepassxc-cli ls <db>`
List entries and groups
Add -R for recursive, -f for flat paths.

COMMAND LINE (cont.)

`keepassxc-cli show <db> <entry>`
Show an entry
-s reveals the password, -t adds the TOTP.

`keepassxc-cli clip <db> <entry>`
Copy password to clipboard
Clears after 10 s by default; pass a timeout in seconds, 0 to keep.

`keepassxc-cli search <db> <term>`
Find entries

`keepassxc-cli add <db> <entry> -g`
Add entry, generated password

`keepassxc-cli edit <db> <entry> -u <user>`
Change an entry's fields

`keepassxc-cli rm <db> <entry>`
Delete entry

`keepassxc-cli generate -L 24`
Generate a password

`keepassxc-cli db-create <db>`
Create a database

`keepassxc-cli merge <db1> <db2>`
Merge db2 into db1

`keepassxc-cli export <db>`
Export database to stdout

`keepassxc-cli open <db>`
Interactive shell on a database

`keepassxc-cli ls <db> -k <keyfile>`
Unlock with a key file

RECIPES

Username, then password (two steps)

```
{USERNAME}{ENTER}
{DELAY 1500}
{PASSWORD}{ENTER}
```

Login with TOTP

```
{USERNAME}{TAB}
{PASSWORD}{ENTER}
{DELAY 2000}
{TOTP}{ENTER}
```

Copy a password and TOTP from a script

```
keepassxc-cli clip ~/vault.kdbx
Mail 30
keepassxc-cli show -t ~/
vault.kdbx Mail
```

List all entries in the Work group

```
keepassxc-cli ls -R -f ~/
vault.kdbx Work
```