

Package: rkeepass (via r-universe)

October 23, 2026

Title Read KeePass Database Files
Version 0.1.0
Description Read entries from KeePass '.kdbx' database files (versions 3.x and 4.x) using the 'keepass-rs' Rust library. Supports password and keyfile authentication.
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URL <https://github.com/schochastics/rkeepass>
BugReports <https://github.com/schochastics/rkeepass/issues>
Depends R (>= 4.0)
Encoding UTF-8
Roxygen list(markdown = TRUE)
Config/rextendr/version 0.5.0
SystemRequirements Cargo (Rust's package manager), rustc >= 1.85
Suggests testthat (>= 3.0.0)
Config/testthat/edition 3
Config/roxygen2/version 8.1.0
Config/pak/sysreqs libclang-dev
Repository <https://schochastics.r-universe.dev>
Date/Publication 2026-09-23 08:24:09 UTC
RemoteUrl <https://github.com/schochastics/rkeepass>
RemoteRef HEAD
RemoteSha aa713bea0bf9a2532a9af552224e8547edf1f3f5

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kdbx_read

*Read a KeePass Database File***Description**

Reads entries from a KeePass .kdbx database file (versions 3.x and 4.x).

Usage

```
kdbx_read(path, password = NULL, keyfile = NULL)
```

Arguments

path	Character scalar. Path to the .kdbx file.
password	Character scalar or NULL. The database master password.
keyfile	Character scalar or NULL. Path to a key file.

Details

At least one of password or keyfile must be provided. The function auto-detects the KDBX version (3.x or 4.x). Protected fields (like passwords) are automatically decrypted. Fields that are empty or not set in the database are returned as NA.

Value

A data.frame of class `kdbx_entries` with one row per entry and columns:

uuid Character. The unique identifier of the entry.

group_path Character. The slash-separated path of the group containing this entry (e.g., "Root/Internet"). The first component is the name of the database's root group, which is "Root" by default but can be renamed in KeePass.

title Character. The entry title.

username Character. The username field.

password Character. The password field (decrypted).

url Character. The URL field.

notes Character. The notes field.

Passwords are masked when the result is printed (see `print.kdbx_entries()`) but are stored in plain text in the password column.

Examples

```
path <- system.file("extdata", "example.kdbx", package = "rkeepass")
db <- kdbx_read(path, password = "test123")
db[db$group_path == "Root/Internet", ]
```

print.kdbx_entries	<i>Print KeePass entries</i>
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Description

Prints the entries returned by `kdbx_read()` with the password column masked, so that passwords do not end up in the console or in logs.

Usage

```
## S3 method for class 'kdbx_entries'  
print(x, ..., reveal = FALSE)
```

Arguments

x	A kdbx_entries object.
...	Passed on to <code>print.data.frame()</code> .
reveal	Logical. If TRUE, passwords are printed in plain text.

Value

x, invisibly.

Examples

```
path <- system.file("extdata", "example.kdbx", package = "rkeepass")  
db <- kdbx_read(path, password = "test123")  
db  
print(db, reveal = TRUE)
```

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