Package: askpass (via r-universe)

January 31, 2025

Type Package

Title Password Entry Utilities for R, Git, and SSH

Version 1.2.1

Description Cross-platform utilities for prompting the user for
credentials or a passphrase, for example to authenticate with a
server or read a protected key. Includes native programs for
MacOS and Windows, hence no 'tcltk' is required. Password entry
can be invoked in two different ways: directly from R via the
askpass() function, or indirectly as password-entry back-end
for 'ssh-agent' or 'git-credential' via the SSH_ASKPASS and
GIT_ASKPASS environment variables. Thereby the user can be
prompted for credentials or a passphrase if needed when R calls
out to git or ssh.

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URL https://r-lib.r-universe.dev/askpass

BugReports https://github.com/r-lib/askpass/issues

Encoding UTF-8

Imports sys (>= 2.1)

RoxygenNote 7.2.3

Roxygen list(markdown = TRUE)

Suggests testthat

Language en-US

Repository https://r-lib.r-universe.dev

RemoteUrl https://github.com/r-lib/askpass

RemoteRef HEAD

RemoteSha 69c659d8a15721d66ad6468b35dcd7c2758c3ee7

Contents

askpass	*Password Prompt Utility*

Description

Prompt the user for a password to authenticate or read a protected key. By default, this function automatically uses the most appropriate method based on the user platform and front-end. Users or IDEs can override this and set a custom password entry function via the askpass option.

Usage

```
askpass(prompt = "Please enter your password: ")
```

Arguments

prompt   the string printed when prompting the user for input.

Details

By default askpass() returns NULL in non-interactive sessions. (These include knitr runs and test-that tests.) If you want to force a password prompt in non-interactive sessions, set the rlib_interactive option to TRUE:

```
options(rlib_interactive = TRUE)
```

Examples

```
# Prompt user for passwd
pw <- askpass("Please enter your password")
```

ssh_askpass	*ASKPASS CMD TOOL*

Description

This returns the path to the native askpass executable which can be used by git-credential or ssh-agent. Most users don't have worry about this.

Usage

```
ssh_askpass()
```

Details

On Windows and MacOS the package automatically sets the SSH_ASKPASS and GIT_ASKPASS variables on load (if not already set). If these are set you should be able to run e.g. sys::exec_wait("ssh-add") and you should be prompted for a passphrase if your key is protected.

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