Package 'askpass'

January 13, 2019

Type Package

Title Safe Password Entry for R, Git, and SSH

Version 1.1

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://github.com/jeroen/askpass#readme

BugReports https://github.com/jeroen/askpass/issues

Encoding UTF-8

LazyData true

Imports sys (>= 2.1)

RoxygenNote 6.1.1

Suggests testthat

Language en-US

NeedsCompilation yes

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R topics documented:

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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.

Examples

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

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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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