

Package: safeinstall (via r-universe)

August 17, 2024

Title Run some basic security checks before installing R packages from online repositories

Version 0.0.0.9000

Description Run some basic security checks before installing R packages from online repositories.

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Encoding UTF-8

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URL <https://github.com/Pakillo/safeinstall>

BugReports <https://github.com/Pakillo/safeinstall/issues>

Imports git2r, remotes, defender (>= 0.0.1.9000)

Remotes ropenscilabs/defender

Suggests testthat (>= 2.1.0), covr

Repository <https://pakillo.r-universe.dev>

RemoteUrl <https://github.com/Pakillo/safeinstall>

RemoteRef HEAD

RemoteSha c955b293a4d793b65c86b2b70f2cd10ed60f7b4a

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check_package	<i>Check a package repository for potential security issues</i>
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Description

Check a package repository for potential security issues

Usage

```
check_package(repo = NULL, verbose = TRUE)
```

Arguments

repo	Link to an online git repository (e.g. "https://github.com/Pakillo/safeinstall.git")
verbose	Logical. Show verbose output?

Value

TRUE if the package passes the security checks, otherwise FALSE (and some extra information about potential issues if verbose = TRUE).

Examples

```
## Not run:
library(safeinstall)
check_package("https://github.com/Pakillo/safeinstall.git")
check_package("https://github.com/ropenscilabs/testevil.git")

## End(Not run)
```

safe_install_github	<i>Safe installation of R packages from GitHub</i>
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Description

Safe installation of R packages from GitHub

Usage

```
safe_install_github(user.repo = NULL, ..., verbose = TRUE)
```

Arguments

user.repo	Repository address in the format username/repo.
...	Further options passed to <code>remotes::install_github()</code> .
verbose	Logical. Show verbose output?

Value

If no unsafe code is detected, the package is installed. Otherwise, an error message calling to inspect the repository for potential problems.

Examples

```
## Not run:  
library(safeinstall)  
safe_install_github("Pakillo/safeinstall")  
safe_install_github("ropenscilabs/testevil")  
  
## End(Not run)
```

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