Package: ipkg (via r-universe)

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Type Package

Title Install R Packages or Download File from GitHub via the Proxy Site

Version 1.1.3

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Description When you want to install R package or download file from GitHub, but you can't access GitHub, this package helps you install R packages or download file from GitHub via the proxy website <https://gh-proxy.com/> or <https://ghfast.top/>, which is in real-time sync with GitHub.

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URL https://github.com/chuxinyuan/ipkg

BugReports https://github.com/chuxinyuan/ipkg/issues

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Imports remotes, httr

RoxygenNote 7.3.2

Suggests testthat (>= 2.1.0)

Encoding UTF-8

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`conn_test` *Tests whether the website is properly connected*

Description

Tests whether the website is properly connected.

Usage

```
conn_test(url)
```

Arguments

`url`	A website url address.

Value

A string that returns "ok" if the connection is normal and "no" otherwise.

Examples

```
# Example(Not run)
# conn_test("www.baidu.com")
```

`download_file` *Download file from GitHub via the proxy site*

Description

This function can be used to download a file from GitHub via the proxy website <https://gh-proxy.com/> or <https://ghfast.top/>.

Usage

```
download_file(
  url,
  destfile,
  method,
  quiet = FALSE,
  mode = "w",
  cacheOK = TRUE,
  extra = getOption("download.file.extra"),
  headers = NULL
)
```

Arguments

url	a character string (or longer vector for the "libcurl" method) naming the URL of a resource to be downloaded.
destfile	a character string (or vector, see the url argument) with the file path where the downloaded file is to be saved. Tilde-expansion is performed.
method	Method to be used for downloading files. Current download methods are "internal", "libcurl", "wget", "curl" and "wininet" (Windows only), and there is a value "auto": see 'Details' and 'Note'. The method can also be set through the option "download.file.method": see options().
quiet	If TRUE, suppress status messages (if any), and the progress bar.
mode	character. The mode with which to write the file. Useful values are "w", "wb" (binary), "a" (append) and "ab". Not used for methods "wget" and "curl". See also 'Details', notably about using "wb" for Windows.
cacheOK	logical. Is a server-side cached value acceptable?
extra	character vector of additional command-line arguments for the "wget" and "curl" methods.
headers	named character vector of additional HTTP headers to use in HTTP[S] requests. It is ignored for non-HTTP[S] URLs. The User-Agent header taken from the HTTPUserAgent option (see options) is automatically used as the first header.

Examples

```
# Example(Not run)
# download_file(
#  url = "https://github.com/hadley/mastering-shiny/raw/main/neiss/products.tsv",
#  destfile = "products.tsv",
#  quiet = TRUE
# )
```

install_github *Install R packages from GitHub via the proxy site*

Description

When you want to install R packages from GitHub, but you can't access GitHub, this function helps you download and install R packages from GitHub via the proxy website <https://gh-proxy.com/> or <https://ghfast.top/>, which is in real-time sync with GitHub.

Usage

```
install_github(
  repo,
  subdir = NULL,
  ref = NULL,
  upgrade = c("default", "ask", "always", "never"),
  force = FALSE,
  quiet = FALSE,
  build = TRUE
)
```

Arguments

repo	Repository address in the format username/repo.
subdir	A sub-directory within a git repository that may contain the package we are interested in installing.
ref	Name of branch, tag or SHA reference to use, if not HEAD.
upgrade	Should package dependencies be upgraded? One of "default", "ask", "always", or "never". "default" respects the value of the R_REMOTES_UPGRADE environment variable if set, and falls back to "ask" if unset. "ask" prompts the user for which out of date packages to upgrade. For non-interactive sessions "ask" is equivalent to "always". TRUE and FALSE are also accepted and correspond to "always" and "never" respectively.
force	Force installation, even if the remote state has not changed since the previous install.
quiet	If TRUE, suppress output.
build	If TRUE build the package before installing.

Examples

```
# Example(Not run)
# install_github("yihui/xfun")
```

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