

# Package: proxyconfig (via r-universe)

June 10, 2026

**Title** Tools to Configure Proxy Interactively

**Version** 0.0.0.9002

**Description** Helpers functions and Rstudio Addins to help configure proxy more easily.

**License** MIT + file LICENSE

**URL** <https://github.com/cderv/proxyconfig>

**BugReports** <https://github.com/cderv/proxyconfig/issues>

**Imports** glue, purrr, httr

**Suggests** testthat, withr, covr, rstudioapi, xml2

**ByteCompile** true

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 6.0.1

**Config/pak/sysreqs** libssl-dev

**Repository** <https://cderv.r-universe.dev>

**Date/Publication** 2019-10-06 17:40:16 UTC

**RemoteUrl** <https://github.com/cderv/proxyconfig>

**RemoteRef** HEAD

**RemoteSha** b2f89ab5fa2a463960700a0d106ab3935a31a629

## Contents

is_proxy_activated . . . . .	2
read_password . . . . .	2
set_proxy . . . . .	3
unset_proxy . . . . .	4

<b>Index</b>	<b>6</b>
--------------	----------

---

is_proxy_activated	<i>Verify if a proxy is configured</i>
--------------------	--

---

**Description**

This checks for any set environment variable relevant to proxy

**Usage**

```
is_proxy_activated(verbose = FALSE)
```

**Arguments**

verbose	if TRUE will print a summary of configuration. Authentication is redacted for printing
---------	--

**Value**

TRUE is a proxy is configured. FALSE otherwise.

**Examples**

```
## Not run:  
  is_proxy_activated(verbose = TRUE)  
  
## End(Not run)
```

---

read_password	<i>Ask interactively for authentication</i>
---------------	---

---

**Description**

This will use if available in this order

- RStudio IDE prompt
- Console input

**Usage**

```
read_password(prompt)
```

**Arguments**

prompt	text prompt to user
--------	---------------------

**Value**

*invisibly* the input of the user

**Examples**

```
if (interactive()) {
  pwd <- read_password("password")
}
```

---

 set\_proxy

*Configure the proxy for internet connection*


---

**Description**

this will help to set up the proxy configuration using environment variable

- url of the proxy with port
- authentication if necessary (username and password)
- any domain that proxy should ignore
- activate or not https proxy

You can set a proxy url across sessions by setting option "proxyconfig.proxy".

**Usage**

```
set_proxy(proxy = getOption("proxyconfig.proxy", default = NA_character_),
  username = NULL, password = NULL, noproxy = NULL, https = TRUE)
```

**Arguments**

proxy	a character giving the proxy url. By default, it will fetch for option proxyconfig.proxy that can be set accross sessions in <i>.Rprofile</i> or <i>Rprofile.site</i> .
username	character. If NULL, user will be prompted
password	character. If NULL, user will be prompted
noproxy	character vector of domain that proxy should ignore
https	logical. If TRUE <i>HTTPS_PROXY</i> will be used

**Value**

TRUE *invisibly* if no error. Side effects are the environment variables for proxy being set for the session. You can check them with `base::Sys.getenv()`

FALSE *invisibly* with a warning if a proxy configuration was already set. You need to unset the configuration with `unset_proxy()` before setting a new one.

## Proxy Environment Variable

The proxy is set using environment variables

- HTTP\_PROXY
- HTTPS\_PROXY
- NO\_PROXY The lower case version are also set because some utilities do not understand upper case environment variable.

This configuration is used by curl for internet connection and other *method*. See *Setting Proxies* in [utils::download.file\(\)](#)

## Examples

```
## Not run:
set_proxy(proxy = "http://10.132.23.444:3232",
          username = "",
          password = "",
          noproxy = ".mycompany.com",
          https = TRUE)
is_proxy_activated(verbose = TRUE)

## End(Not run)
```

---

unset\_proxy

*Unset proxy configuration for the session*

---

## Description

This fonction is a helper to unset all configuration of proxy for the current session.

## Usage

```
unset_proxy(verbose = FALSE)
```

## Arguments

verbose            default is FALSE.

## Value

FALSE is no proxy configuration was set before. TRUE if configuration is unset with success.

### **Examples**

```
## Not run:  
set_proxy(proxy = "http://10.132.23.444:3232",  
          username = "",  
          password = "",  
          noproxy = ".mycompany.com",  
          https = TRUE)  
is_proxy_activated(verbose = TRUE)  
unset_proxy(verbose = TRUE)  
is_proxy_activated(verbose = TRUE)  
  
## End(Not run)
```

# Index

`base::Sys.getenv()`, 3

`is_proxy_activated`, 2

`read_password`, 2

`set_proxy`, 3

`unset_proxy`, 4

`unset_proxy()`, 3

`utils::download.file()`, 4