

# Package: configR (via r-universe)

August 25, 2024

**Title** R Convigation Package

**Version** 0.1.0

**Description** Setup and configure an optimal R development environment.

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**URL** <https://github.com/jimbrig/configR>,  
<https://jimbrig.github.io/configR/>

**BugReports** <https://github.com/jimbrig/configR/issues>

**Imports** utils

**Suggests** covr, fs, testthat (>= 3.0.0), withr

**Config/testthat/edition** 3

**Encoding** UTF-8

**Language** en-US

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.0

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

**RemoteUrl** <https://github.com/jimbrig/configR>

**RemoteRef** HEAD

**RemoteSha** cafa7eca70d4bf2775dcd68dabfce032d783b894

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`inst_pak`*Install pak*

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## Description

Installs the pak R package by r-lib from their official binary GitHub build.

## Usage

```
inst_pak()
```

## Details

Note this installs the development version of r-lib/pak using the following code:

```
repo <- sprintf(
  "https://r-lib.github.io/p/pak/stable/%s/%s/%s",
  .Platform$pkgType,
  R.Version()$os,
  R.Version()$arch
)

install.packages("pak", repos = repo)
```

## Value

Invisible NULL

## See Also

- [utils::install.packages\(\)](#)
- [pak::pak\(\)](#)
- [r-lib/pak](#)

## Examples

```
## Not run:
inst_pak()

## End(Not run)
```

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rver	<i>rver</i>
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## Description

Helper function to return your system's installed R version in a variety of commonly used formats. See the `format` parameter for available options.

## Usage

```
rver(format = c("full", "text", "lib", "major", "minor", "nickname"))
```

## Arguments

<code>format</code>	Character string of one of the following: <code>full</code> , <code>text</code> , <code>lib</code> , <code>major</code> , <code>minor</code> , <code>nickname</code> . See details for specifics.
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## Details

The following formatted return values can be specified with the `format` argument:

- `full`: returns the full `{major}.{minor}.{patch}` semantic version of R.
- `text`: returns the version string of R in the format "R version `{major}.{minor}.{patch}` (`{date}` `{crt}`)".
- `lib`: returns `{major}.{minor}` R version string; useful for your `.libPaths()`.
- `major`: returns only the major R version.
- `minor`: returns only the minor R version.
- `nickname`: returns the R version's nickname (i.e. the value listed on startup).

## Value

character string in specified format

## Examples

```
library(configR)

# get full R version
rver()

# get path the default library path
r_config_dir("lib", rver("lib"))

# get full text string of R version details
rver("text")
```

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r_config_dir	<i>r_config_dir</i>
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**Description**

Helper function for retrieving and settings the user's custom R\_CONFIG\_DIR.

**Usage**

```
r_config_dir(...)
```

**Arguments**

... Path elements passed as character strings to append to R\_CONFIG\_DIR

**Details**

This function appends path elements to your default R\_CONFIG\_DIR. To find R\_CONFIG\_DIR it will first attempt to search for the R\_CONFIG\_DIR environment variable, and if unset defaults to ~/.config/R on all operating systems (i.e. %USERPROFILE%\config\R on Windows).

**Value**

normalized path to the R\_CONFIG\_DIR

**Examples**

```
library(configR)

# retrieve path to .Rprofile (i.e. ~/.config/R/.Rprofile)
r_config_dir(".Rprofile")

# retrieve path to your "profile" configuration directory
# (i.e. ~/.config/R/profile)
r_config_dir("profile")
```

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