

Package ‘here’

May 28, 2017

Title A Simpler Way to Find Your Files

Version 0.1

Description Constructs paths to your project's files.

The 'here()' function uses a reasonable heuristics to find your project's files, based on the current working directory at the time when the package is loaded. Use it as a drop-in replacement for 'file.path()', it will always locate the files relative to your project root.

Imports rprojroot (>= 1.2)

License GPL-3

Encoding UTF-8

LazyData true

Date 2017-05-27

URL <https://github.com/krlmlr/here>, <http://krlmlr.github.io/here>

BugReports <https://github.com/krlmlr/here/issues>

RoxygenNote 6.0.1

NeedsCompilation no

Author Kirill Müller [aut, cre]

Maintainer Kirill Müller <krlmlr+r@mailbox.org>

Repository CRAN

Date/Publication 2017-05-28 06:13:04 UTC

R topics documented:

here	2
Index	4

 here

Find your files

Description

here() uses a reasonable heuristics to find your project's files, based on the current working directory at the time when the package is loaded. Use it as a drop-in replacement for `file.path()`, it will always locate the files relative to your project root.

dr_here() shows a message that by default also includes the reason why here() is set to a particular directory. Use this function if here() gives unexpected results.

set_here() creates an empty file named `.here`, by default in the current directory. When here encounters such a file, it uses the directory that contains this file as root. This is useful if none of the default criteria apply.

Usage

```
here(...)
```

```
dr_here(show_reason = TRUE)
```

```
set_here(path = ".", verbose = TRUE)
```

Arguments

...	[character] Path components below the project root, can be empty.
show_reason	[logical(1)] Include reason in output of dr_here(), defaults to TRUE.
path	[character(1)] Directory where to create <code>.here</code> file, defaults to the current directory.
verbose	[logical(1)] Verbose output, defaults to TRUE.

Details

This package is intended for interactive use only. Use `rprojroot::has_file()` or the other functions in the **rprojroot** package for more control, or for package development.

Project root

Starting with the current working directory during package load time, here will walk the directory hierarchy upwards until it finds a directory that satisfies at least one of the following conditions:

- contains a file `.here`
- contains a file matching `[.]Rproj$` with contents matching `^Version:` in the first line
- contains a file `DESCRIPTION` with contents matching `^Package:`

- contains a file `remake.yml`
- contains a file `.projectile`
- contains a directory `.git`
- contains a directory `.svn`

Once established, the root directory doesn't change during the active R session. `here()` then appends the arguments to the root directory.

Examples

```
here()  
## Not run: here("some/path/below/your/project/root.txt")
```

Index

`dr_here (here)`, [2](#)

`file.path()`, [2](#)

`here`, [2](#)

`rprojroot::has_file()`, [2](#)

`set_here (here)`, [2](#)