

Package ‘wither’

July 22, 2025

Title Temporarily Change Project Root

Version 0.1.0

Description Lets you temporarily execute an expression or a local block with a different here() root in the 'here' package. This is useful for sourcing code in other projects which expect the root directory of here() to be the project directory of those projects. This may be the case with git submodules for example.

License MIT + file LICENSE

Encoding UTF-8

RoxygenNote 7.3.2

Suggests devtools, testthat (>= 3.0.0)

Config/testthat/edition 3

Imports fs, here, withr

URL <https://github.com/torbjorn/wither>

BugReports <https://github.com/torbjorn/wither/issues>

NeedsCompilation no

Author Torbjørn Lindahl [aut, cre, cph] (ORCID:
<<https://orcid.org/0009-0007-5538-0783>>),
Anja Minsaas [aut]

Maintainer Torbjørn Lindahl <torbjorn.lindahl@gmail.com>

Repository CRAN

Date/Publication 2024-09-12 17:40:02 UTC

Contents

| | |
|---------------------|----------|
| with_here | 2 |
| Index | 4 |

`with_here`*Temporarily Change Project Root*

Description

Temporarily change the `here()` root

Usage

```
with_here(new_here, expr, chdir = FALSE, verbose = FALSE)
```

```
local_here(  
  new_here,  
  chdir = FALSE,  
  verbose = FALSE,  
  .local_envir = parent.frame()  
)
```

Arguments

| | |
|---------------------------|--|
| <code>new_here</code> | new temporary here root directory |
| <code>expr</code> | expression to evaluate |
| <code>chdir</code> | also temporarily change working directory |
| <code>verbose</code> | show here's messages on setting new root |
| <code>.local_envir</code> | the environment to use for scoping, see withr::local_dir() |

Details

Changes [here::here\(\)](#) to temporarily point to a new directory. Automatically changes back to the original value when finished.

The `with_*` and `local_*` flavours of this functionality mimics that which is typically used in the `withr` package.

Value

[with_here\(\)](#) returns the result of the expression. [local_here\(\)](#) returns the original value of `here()`, before the change.

Author(s)

Torbjørn Lindahl

Examples

```
library(here)
library(withr)

d <- local_tempdir()

cat("here() is initially:", here(), "\n")

# temporarily do things under a different here() root:
with_here(d, cat("but here() is now:", here(), "\n"))

# check that everything is shifted back
cat("here() is now again:", here(), "\n")

local({

  d <- local_tempdir()

  cat("here was initially: ", here(), "\n")

  local_here(d)

  cat("after local_here(), here() is: ", here(), "\n")
  stopifnot(normalizePath(d) == normalizePath(here()))

  # do something that requires here() be elsewhere

})

cat("outside the block, here() is again:", here(), "\n")
```

Index

`here::here()`, 2

`local_here (with_here)`, 2

`local_here()`, 2

`with_here`, 2

`with_here()`, 2

`withr::local_dir()`, 2