

Package ‘wither’

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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.

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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]
(<https://orcid.org/0009-0007-5538-0783>),
Anja Minsaas [aut]

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

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`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")
```

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