Package 'fromhere'

January 15, 2025

Title File Paths Relative to Project Roots

Version 0.1.0

Description Provides a set of helper functions for constructing file paths
relative to the root of various types of projects, such as R packages, Git
repositories, and more. File paths are specified with function arguments,
or `$` to navigate into folders to specific files supported by
auto-completion.

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Imports rprojroot, utils

Suggests here, knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

URL https://github.com/mitchelloharawild/fromhere

BugReports https://github.com/mitchelloharawild/fromhere/issues

RoxygenNote 7.3.2.9000

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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Contents

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from_here   *Create a File Path Relative to a Project Root*

Description

These functions generate file paths relative to the root of a specific type of project. They use criteria from rprojroot to locate the root directory and construct paths using `file.path()`.

Usage

```
from_here(...)

from_wd(...)

from_rproj(...)

from_r_package(...)

from_remake(...)

from_drake(...)

from_targets(...)

from_pkgdown(...)

from_renv(...)

from_projectile(...)

from_quarto(...)

from_git(...)

from_svn(...)

from_vcs(...)

from_testthat(...)
```

Arguments

...	Character components of the relative file path.

Details

Functions support two ways to specify paths: as function arguments (e.g., `from_r_package("path/to/file")`) or using the $ operator (e.g., `from_r_package$path$to$file`), which supports autocompletion.

The following `from_*` functions are available:

- `from_here`: For paths relative to the {here} package's automatic project root.
- `from_rproj`: For R project directories.
- `from_r_package`: For R package directories.
- `from_remake`: For remake project directories.
- `from_drake`: For drake project directories.
- `from_targets`: For targets project directories.
- `from_pkgdown`: For pkgdown project directories.
- `from_renv`: For renv project directories.
- `from_projectile`: For Projectile project directories.
- `from_quarto`: For Quarto project directories.
- `from_git`: For Git repository root directories.
- `from_svn`: For SVN repository root directories.
- `from_vcs`: For generic version control root directories (Git or SVN).
- `from_testthat`: For testthat directories.

Value

A file path which allows further traversal with $ autocompletion.

See Also

[rprojroot::find_root()](#)

Examples

```
# Construct a path from the current working directory
from_wd()

## Not run:
# Construct a path to a file in an R package
from_r_package("R", "my_file.R")

# Construct a path in a pkgdown project
from_pkgdown$docs$index.html

# Construct a path in a Git repository
from_git("src", "main.c")

## End(Not run)
```

Index