

Package ‘pkgsite’

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Title Convert the Reference Pages into 'Quarto' Files

Version 0.1.0

Description Makes it easier to create a 'Quarto' website for an 'R' package. Converts 'R' documentation ('Rd') files into 'Quarto' Markdown documents individually. Supports configuration via the '_quarto.yml' file and groups functions using 'roxygen2' family tags.

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URL <https://github.com/edgararuiz/pkgsite>

BugReports <https://github.com/edgararuiz/pkgsite/issues>

Depends R (>= 4.1)

Imports cli, fs, purrr, rlang, tools, yaml

Suggests testthat (>= 3.0.0)

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Encoding UTF-8

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NeedsCompilation no

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index_to_qmd *Create a Quarto file that lists the available reference pages*

Description

Create a Quarto file that lists the available reference pages

Usage

```
index_to_qmd(pkg = ".", template = NULL, quarto_file_path = NULL)
```

Arguments

`pkg` Path to the root of the R package. Defaults to ".".

`template` The path to a Quarto file that can be used as the template for all of the resulting reference files. If left NULL, pkg site will use its default template.

`quarto_file_path` Path to the folder containing `_quarto.yml`. Use when the Quarto project root differs from the package root (e.g. the package lives in a sub-folder of a larger Quarto project). Must be a directory path. Defaults to NULL, in which case `pkg` is used.

Value

A character vector with the contents of a document that links to the converted Quarto documents.

See Also

Other Conversion functions: [rd_to_list\(\)](#), [rd_to_qmd\(\)](#)

Examples

```
library(pkgsite)
example_pkg <- system.file("example", package = "pkgsite")
index_to_qmd(pkg = example_pkg)
```

rd_to_list *Converts a given 'Rd' file into a list object*

Description

This function is meant to be used as an intermediate object that could be used as an easy way to convert the information inside the 'Rd' into other formats or outputs.

Usage

```
rd_to_list(path)
```

Arguments

path The path to the source Rd file

Value

A list object that contains the contents of the Rd file

See Also

Other Conversion functions: [index_to_qmd\(\)](#), [rd_to_qmd\(\)](#)

Examples

```
library(pkgsite)
example_pkg <- system.file("example", package = "pkgsite")
rd_to_list(file.path(example_pkg, "man", "rd_to_list.Rd"))
```

rd_to_qmd	<i>Converts 'Rd' to Quarto files</i>
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Description

Converts 'Rd' to Quarto files

Usage

```
rd_to_qmd(
  path,
  pkg = ".",
  examples = TRUE,
  not_run_examples = FALSE,
  template = NULL,
  quarto_file_path = NULL
)
```

Arguments

path The path to the source Rd file

pkg Path to the root of the R package. Defaults to ".".

examples Flag that sets the examples code chunk to be evaluated when the Quarto document is rendered

not_run_examples Flag that sets the "do not run" examples code chunk to be evaluated when the Quarto document is rendered

`template` The path to a Quarto file that can be used as the template for all of the resulting reference files. If left `NULL`, `pkg$site` will use its default template.

`quarto_file_path` Path to the folder containing `_quarto.yml`. Use when the Quarto project root differs from the package root (e.g. the package lives in a sub-folder of a larger Quarto project). Must be a directory path. Defaults to `NULL`, in which case `pkg` is used.

Value

A character vector with the resulting contents of converting the Rd file format into a Quarto file format.

See Also

Other Conversion functions: [index_to_qmd\(\)](#), [rd_to_list\(\)](#)

Examples

```
library(pkgsite)
example_pkg <- system.file("example", package = "pkgsite")
rd_to_qmd(file.path(example_pkg, "man", "rd_to_qmd.Rd"), pkg = example_pkg)
```

<code>write_reference</code>	<i>Writes the reference pages and index as Quarto files</i>
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Description

Writes the reference pages and index as Quarto files

Usage

```
write_reference(
  pkg = ".",
  target_folder = NULL,
  examples = TRUE,
  not_run_examples = NULL,
  template = NULL,
  index_file = NULL,
  index_template = NULL,
  quarto_file_path = NULL
)
```

Arguments

<code>pkg</code>	Path to the root of the R package. Defaults to ".".
<code>target_folder</code>	Path to the folder where the Quarto files will be written. Defaults to NULL, which resolves to "reference/" (or the <code>dir</code> value under <code>pkgsite > reference</code> in <code>_quarto.yml</code> if set).
<code>examples</code>	Flag that sets the examples code chunk to be evaluated when the Quarto document is rendered
<code>not_run_examples</code>	Flag that sets the "do not run" examples code chunk to be evaluated when the Quarto document is rendered
<code>template</code>	The path to a Quarto file that can be used as the template for all of the resulting reference files. If left NULL, <code>pkgsite</code> will use its default template.
<code>index_file</code>	The name assigned to the resulting index Quarto file
<code>index_template</code>	The path to a Quarto file that can be used as the template for the index Quarto file
<code>quarto_file_path</code>	Path to the folder containing <code>_quarto.yml</code> . Use when the Quarto project root differs from the package root (e.g. the package lives in a sub-folder of a larger Quarto project). Must be a directory path. Defaults to NULL, in which case <code>pkg</code> is used.

Value

A set of Quarto files written to the specified path based on the number of Rd files in the package, plus an additional one that is the index.

See Also

Other Quarto file creation: [write_reference_index\(\)](#), [write_reference_pages\(\)](#)

Examples

```
library(pkgsite)
example_pkg <- system.file("example", package = "pkgsite")
write_reference(pkg = example_pkg, target_folder = tempdir())
```

`write_reference_index` *Writes the index of the reference pages into a Quarto file*

Description

Writes the index of the reference pages into a Quarto file

Usage

```
write_reference_index(
  pkg = ".",
  target_folder = NULL,
  index_file = "index.qmd",
  index_template = NULL,
  quarto_file_path = NULL
)
```

Arguments

<code>pkg</code>	Path to the root of the R package. Defaults to ".".
<code>target_folder</code>	Path to the folder where the Quarto files will be written. Defaults to NULL, which resolves to "reference/" (or the <code>dir</code> value under <code>pkgsite > reference</code> in <code>_quarto.yml</code> if set).
<code>index_file</code>	The name assigned to the resulting index Quarto file
<code>index_template</code>	The path to a Quarto file that can be used as the template for the index Quarto file
<code>quarto_file_path</code>	Path to the folder containing <code>_quarto.yml</code> . Use when the Quarto project root differs from the package root (e.g. the package lives in a sub-folder of a larger Quarto project). Must be a directory path. Defaults to NULL, in which case <code>pkg</code> is used.

Value

A Quarto file that links to the individual Quarto documentation files

See Also

Other Quarto file creation: [write_reference\(\)](#), [write_reference_pages\(\)](#)

Examples

```
library(pkgsite)
example_pkg <- system.file("example", package = "pkgsite")
write_reference_index(pkg = example_pkg, target_folder = tempdir())
```

`write_reference_pages` *Converts the 'Rd' file into Quarto, and writes the file to a specified folder*

Description

Converts the 'Rd' file into Quarto, and writes the file to a specified folder

Usage

```
write_reference_pages(  
  pkg = ".",  
  target_folder = NULL,  
  examples = TRUE,  
  not_run_examples = FALSE,  
  template = NULL,  
  quarto_file_path = NULL  
)
```

Arguments

<code>pkg</code>	Path to the root of the R package. Defaults to ".".
<code>target_folder</code>	Path to the folder where the Quarto files will be written. Defaults to NULL, which resolves to "reference/" (or the <code>dir</code> value under <code>pkgsite > reference</code> in <code>_quarto.yml</code> if set).
<code>examples</code>	Flag that sets the examples code chunk to be evaluated when the Quarto document is rendered
<code>not_run_examples</code>	Flag that sets the "do not run" examples code chunk to be evaluated when the Quarto document is rendered
<code>template</code>	The path to a Quarto file that can be used as the template for all of the resulting reference files. If left NULL, <code>pkgsite</code> will use its default template.
<code>quarto_file_path</code>	Path to the folder containing <code>_quarto.yml</code> . Use when the Quarto project root differs from the package root (e.g. the package lives in a sub-folder of a larger Quarto project). Must be a directory path. Defaults to NULL, in which case <code>pkg</code> is used.

Value

A set of Quarto files written to the specified path based on the number of Rd files in the package.

See Also

Other Quarto file creation: [write_reference\(\)](#), [write_reference_index\(\)](#)

Examples

```
library(pkgsite)  
example_pkg <- system.file("example", package = "pkgsite")  
write_reference_pages(pkg = example_pkg, target_folder = tempdir())
```

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