

Package ‘NotebookToSite’

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Type Package

Title Cretes a notebook and makes a site out of it.

Version 0.1.0

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Description

Reproducible research package to call a function in order to automatically create directories files that are common for a project. It both creates mark-down files and also knits them into html files to easily render into a static website. This is set up to work with Github Pages placing the necessary files into the docs directory of the project.

License GPL-3

Encoding UTF-8

LazyData true

Imports knitr, rmarkdown, utils,

RoxygenNote 6.0.1

R topics documented:

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create_site	<i>create_site</i>
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Description

The function `create_site` is meant to make reproducible workflows easier and more standardized. It creates many folders commonly used in projects such as `docs`, `src`, `results` and `references`. It also creates an Rmarkdown file for a notebook as well as uses knitr to spin it into a static website. This html file can be easily shared with collaborators or posted on github pages. It is already placed in the `docs` folder, which the user can enable a github pages website to be created from that folder under the repository director.

Usage

```
create_site(github_username = "kdgosik")
```

Arguments

`github_username`
string of your github username to create a button to direct to your page.

Author(s)

Kirk Gosik <kdgosik@gmail.com>

See Also

`knitr`

`purl_chunks`

purl_chunks

Description

The function `purl_chunks` takes an Rmarkdown file and returns each chunk as a separate R file. It was found on stackoverflow at (<https://stackoverflow.com/questions/35855837/with-knitr-preserve-chunk-options-when-purling-chunks-into-separate-files>)

Usage

```
purl_chunks(input_file, input_path = "src/chunks")
```

Arguments

`input_file` String of the input file name to the Rmarkdown file that will be purlled into separate chunks
`input_path` String of the path where to place the R files of each of the chunks

Author(s)

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See Also

knitr

update_site

update_site

Description

The function `update_site` is meant to make reproducible workflows easier and more standardized. This will update the R files that are in the `src/chunks` directory as well as knit new html files for the Notebook file.

Usage

```
update_site()
```

Author(s)

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See Also

knitr