

# Package ‘NotebookToSite’

April 22, 2018

**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

**NeedsCompilation** no

## R topics documented:

create_site . . . . .	1
purl_chunks . . . . .	2
update_site . . . . .	3

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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.
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### Author(s)

Kirk Gosik <kdgosik@gmail.com>

### See Also

knitr

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purl_chunks	<i>purl_chunks</i>
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### 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)**

Kirk Gosik <kdgosik@gmail.com>

**See Also**

knitr

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update\_site

*update\_site*

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**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)**

Kirk Gosik <kdgosik@gmail.com>

**See Also**

knitr