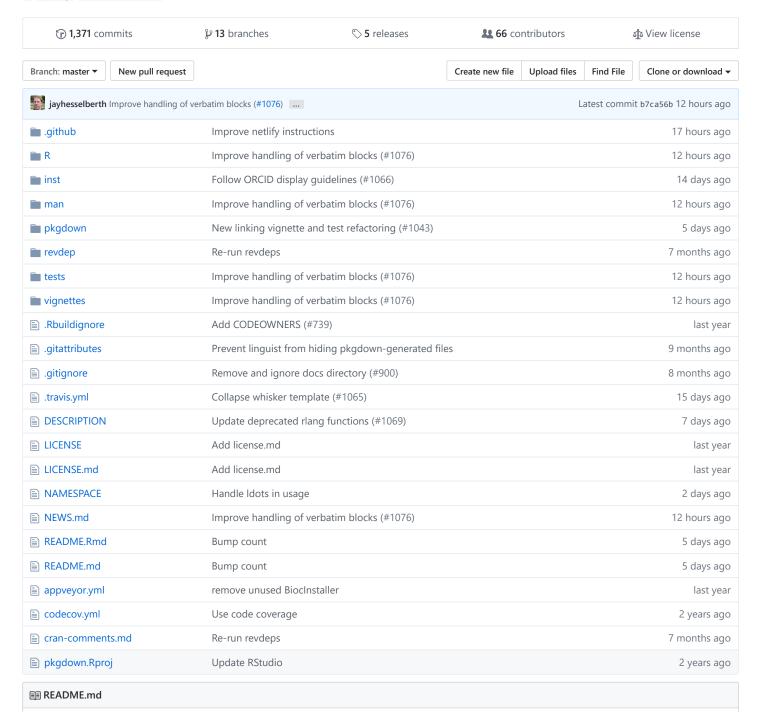
📮 r-lib / pkgdown

Generate static html documentation for an R package https://pkgdown.r-lib.org

#r #package #documentation-tool



pkgdown



pkgdown is designed to make it quick and easy to build a website for your package. You can see pkgdown in action at https://pkgdown.r-lib.org: this is the output of pkgdown applied to the latest version of pkgdown. Learn more in vignette("pkgdown") or ?build_site.



Installation

```
# Install release version from CRAN
install.packages("pkgdown")

# Install development version from GitHub
devtools::install_github("r-lib/pkgdown")
```

Usage

Run pkgdown from the package directory each time you release your package:

```
pkgdown::build_site()
```

This will generate a <code>docs/</code> directory. The home page will be generated from your package's <code>README.md</code>, and a function reference will be generated from the documentation in the <code>man/</code> directory. If you are using GitHub, the easiest way to make this your package website is to check into git, then go to settings for your repo and make sure that the <code>GitHub</code> pages source is set to "master branch /docs folder". Be sure to update the URL on your github repository homepage so others can easily navigate to your new site.

To customise your site, create _pkgdown.yml and modify it as described in the documentation. You can also use pkgdown/_pkgdown.yml if you need other files to customise your site.

The package includes an RStudio add-in that you can bind to a keyboard shortcut. I recommend $c_{md} + s_{hift} + w$: it uses $c_{md} + s_{hift}$, like all other package development shortcuts, it replaces a rarely used command (close all tabs), and the w is a mnemonic for website.

In the wild

At last count, pkgdown is used by over 3500 packages.

Here are a few examples created by contributors to pkgdown:

- bayesplot [source]: plotting functions for posterior analysis, model checking, and MCMC diagnostics.
- valr [source]: read and manipulate genome intervals and signals.
- mkin [source]: calculation routines based on the FOCUS Kinetics Report
- NMF [source]: a framework to perform non-negative matrix factorization (NMF).

Comparing the source and output of these sites is a great way to learn new pkgdown techniques.

Code of conduct

Please note that this project is released with a Contributor Code of Conduct. By participating in this project you agree to abide by its terms.