

# Package: readme2vignette (via r-universe)

September 25, 2024

**Type** Package  
**Title** Convert README to Vignette During Package Installation  
**Version** 0.1.0  
**Description** Convert README.md to vignettes when installing packages without vignettes.  
**License** MIT + file LICENSE  
**URL** <https://github.com/indenkun/readme2vignette>  
**BugReports** <https://github.com/indenkun/readme2vignette/issues>  
**Encoding** UTF-8  
**RoxygenNote** 7.3.1  
**Imports** desc, fs, glue, knitr, pkgbuild, remotes, rmarkdown, usethis, utils, whisker  
**NeedsCompilation** no  
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**Repository** CRAN  
**Date/Publication** 2024-06-26 13:00:02 UTC

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`add_readme_to_vignette`*Add README to vignette*

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### Description

If a package does not have a vignette but has a `README.md`, make the contents of the `README.md` be the vignette

### Usage

```
add_readme_to_vignette(  
  source,  
  vignette_title = NULL,  
  braced_vignette_title = "README",  
  vignette_slug = "README",  
  quiet = FALSE  
)
```

### Arguments

<code>source</code>	String. The directory path where the package is deployed.
<code>vignette_title</code>	String. The intended title of the vignette. If not provided, no title will be attached.
<code>braced_vignette_title</code>	String. The title of the vignette.
<code>vignette_slug</code>	String. filename to be used as the vignette. By default this will be <code>README</code> .
<code>quiet</code>	Logical. Whether to message about what is happening.

### Details

Review the `DESCRIPTION` file and file structure and add the necessary dependencies and files.

### Value

Invisible `NULL`.

### Examples

```
## Not run:  
# In the package directory.  
add_readme_to_vignette(".")  
  
## End(Not run)
```

---

install\_cran\_with\_readme

*Attempts to install a package from CRAN with with convert README to Vignette during Package installation.*

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## Description

The bulk of the code is based on `remotes::install_cran()`, for packages without vignette, convert README.md to vignette and install.

## Usage

```
install_cran_with_readme(
  pkgs,
  repos = getOption("repos"),
  type = getOption("pkgType"),
  dependencies = NA,
  upgrade = c("default", "ask", "always", "never"),
  force = FALSE,
  quiet = FALSE,
  build = TRUE,
  build_opts = c("--no-resave-data", "--no-manual", "--no-build-vignettes"),
  build_manual = FALSE,
  readme_to_vignette = TRUE,
  build_vignettes = readme_to_vignette,
  ...
)
```

## Arguments

pkgs	A character vector of packages to install.
repos	A character vector giving repositories to use.
type	Type of package to update.
dependencies	<p>Which dependencies do you want to check? Can be a character vector (selecting from "Depends", "Imports", "LinkingTo", "Suggests", or "Enhances"), or a logical vector.</p> <p>TRUE is shorthand for "Depends", "Imports", "LinkingTo" and "Suggests". NA is shorthand for "Depends", "Imports" and "LinkingTo" and is the default. FALSE is shorthand for no dependencies (i.e. just check this package, not its dependencies).</p> <p>The value "soft" means the same as TRUE, "hard" means the same as NA.</p> <p>You can also specify dependencies from one or more additional fields, common ones include:</p> <ul style="list-style-type: none"> <li>• Config/Needs/website - for dependencies used in building the pkgdown site.</li> <li>• Config/Needs/coverage for dependencies used in calculating test coverage.</li> </ul>

upgrade	Should package dependencies be upgraded? One of "default", "ask", "always", or "never". "default" respects the value of the R_REMOTES_UPGRADE environment variable if set, and falls back to "ask" if unset. "ask" prompts the user for which out of date packages to upgrade. For non-interactive sessions "ask" is equivalent to "always". TRUE and FALSE are also accepted and correspond to "always" and "never" respectively.
force	Force installation, even if the remote state has not changed since the previous install.
quiet	If TRUE, suppress output.
build	If TRUE build the package before installing.
build_opts	Options to pass to R CMD build, only used when build is TRUE.
build_manual	If FALSE, don't build PDF manual ('--no-manual').
readme_to_vignette	Logical value. If TRUE, installs the contents of README.md as Vignette for packages without Vignette, if README.md is available; if FALSE, the behavior is the same as <code>remotes::install_cran()</code> .
build_vignettes	If FALSE, don't build package vignettes ('--no-build-vignettes').
...	Other arguments passed on to <code>utils::install.packages()</code> .

## Details

The code is basically based on `remotes::install_cran()`, that remotes version 2.4.2. It just intersperses the process of making README.md into vignettes if there are no vignettes when the package source is extracted during the installation.

The remotes package on which this code is based was created by the author of remotes and is now released at MIT. The author of the remotes package is currently listed as Developed by Gábor Csárdi, Jim Hester, Hadley Wickham, Winston Chang, Martin Morgan, Dan Tenenbaum, Posit Software, PBC. See [r-lib/remotes](#) for detailed authorship.

## Value

Invisible NULL.

## Note

Binary format is not supported. The package must be installed from the source package.

Under the current specification, the images in the README.md are copied for the figures in the directories under man/figures/, but not for the images in other directories, which are missing.

## See Also

`remotes::install_cran()`

<https://github.com/r-lib/remotes>

<https://remotes.r-lib.org/>

Other package installation: `install_github_with_readme()`

## Examples

```
## Not run:
install_cran_with_readme("arabic2kansuji")

## End(Not run)
```

---

```
install_github_with_readme
```

*Attempts to install a package directly from GitHub with convert README to Vignette during Package installation.*

---

## Description

The bulk of the code is based on `remotes::install_github()`, for packages without vignette, convert README.md to vignette and install.

## Usage

```
install_github_with_readme(
  repo,
  ref = "HEAD",
  subdir = NULL,
  auth_token = github_pat(quiet),
  host = "api.github.com",
  dependencies = NA,
  upgrade = c("default", "ask", "always", "never"),
  force = FALSE,
  quiet = FALSE,
  build = TRUE,
  build_opts = c("--no-resave-data", "--no-manual", "--no-build-vignettes"),
  build_manual = FALSE,
  readme_to_vignette = TRUE,
  build_vignettes = readme_to_vignette,
  repos = getOption("repos"),
  type = getOption("pkgType"),
  ...
)
```

## Arguments

repo	Repository address in the format username/repo[/subdir][@ref #pull @*release]. Alternatively, you can specify subdir and/or ref using the respective parameters (see below); if both are specified, the values in repo take precedence.
ref	Desired git reference. Could be a commit, tag, or branch name, or a call to <code>github_pull()</code> or <code>github_release()</code> . Defaults to "HEAD", which means the default branch on GitHub and for git remotes. See <a href="#">setting-the-default-branch</a> for more details.

<code>subdir</code>	Subdirectory within repo that contains the R package.
<code>auth_token</code>	To install from a private repo, generate a personal access token (PAT) with at least repo scope in <a href="https://github.com/settings/tokens">https://github.com/settings/tokens</a> and supply to this argument. This is safer than using a password because you can easily delete a PAT without affecting any others. Defaults to the GITHUB_PAT environment variable.
<code>host</code>	GitHub API host to use. Override with your GitHub enterprise hostname, for example, "github.hostname.com/api/v3".
<code>dependencies</code>	<p>Which dependencies do you want to check? Can be a character vector (selecting from "Depends", "Imports", "LinkingTo", "Suggests", or "Enhances"), or a logical vector.</p> <p>TRUE is shorthand for "Depends", "Imports", "LinkingTo" and "Suggests". NA is shorthand for "Depends", "Imports" and "LinkingTo" and is the default. FALSE is shorthand for no dependencies (i.e. just check this package, not its dependencies).</p> <p>The value "soft" means the same as TRUE, "hard" means the same as NA.</p> <p>You can also specify dependencies from one or more additional fields, common ones include:</p> <ul style="list-style-type: none"> <li>• Config/Needs/website - for dependencies used in building the pkgdown site.</li> <li>• Config/Needs/coverage for dependencies used in calculating test coverage.</li> </ul>
<code>upgrade</code>	Should package dependencies be upgraded? One of "default", "ask", "always", or "never". "default" respects the value of the R_REMOTES_UPGRADE environment variable if set, and falls back to "ask" if unset. "ask" prompts the user for which out of date packages to upgrade. For non-interactive sessions "ask" is equivalent to "always". TRUE and FALSE are also accepted and correspond to "always" and "never" respectively.
<code>force</code>	Force installation, even if the remote state has not changed since the previous install.
<code>quiet</code>	If TRUE, suppress output.
<code>build</code>	If TRUE build the package before installing.
<code>build_opts</code>	Options to pass to R CMD build, only used when build is TRUE.
<code>build_manual</code>	If FALSE, don't build PDF manual ('-no-manual').
<code>readme_to_vignette</code>	Logical value. If TRUE, installs the contents of README.md as Vignette for packages without Vignette, if README.md is available; if FALSE, the behavior is the same as <code>remotes::install_github()</code> .
<code>build_vignettes</code>	If FALSE, don't build package vignettes ('-no-build-vignettes').
<code>repos</code>	A character vector giving repositories to use.
<code>type</code>	Type of package to update.
<code>...</code>	Other arguments passed on to <code>utils::install.packages()</code> .

## Details

The code is basically based on `remotes::install_github()`, that remotes version 2.4.2. It just intersperses the process of making README.md into vignettes if there are no vignettes when the package source is extracted during the installation.

The remotes package on which this code is based was created by the author of remotes and is now released at MIT. The author of the remotes package is currently listed as Developed by Gábor Csárdi, Jim Hester, Hadley Wickham, Winston Chang, Martin Morgan, Dan Tenenbaum, Posit Software, PBC. See [r-lib/remote](https://github.com/r-lib/remotes) for detailed authorship.

## Value

Invisible NULL.

## Note

Under the current specification, the images in the README.md are copied for the figures in the directories under `man/figures/`, but not for the images in other directories, which are missing.

## See Also

`remotes::install_github()`

<https://github.com/r-lib/remotes>

<https://remotes.r-lib.org/>

Other package installation: `install_cran_with_readme()`

## Examples

```
## Not run:  
install_github_with_readme("indenkun/MissMech")  
  
## End(Not run)
```

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