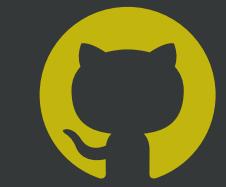


Install a source package

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<https://whattheyforgot.org/install-a-source-package.html>

Functions used to install source packages



`devtools::install_dev()`

`devtools::install_github()`

`devtools::install_version()`

`devtools::install()`

`devtools::install_dev()`

Install the development version of CRAN
package

source package - need dev environment

Will only work if links in package
DESCRIPTION

dplyr: A Grammar of Data Manipulation

A fast, consistent tool for working with data frame like objects, both in memory and out of memory.

Version:	0.7.8
Depends:	R (≥ 3.1.2)
Imports:	assertthat (≥ 0.2.0), bindrcpp (≥ 0.2.0.9000), glue (≥ 1.1.1), magrittr (≥ 1.5), method (≥ 2.0.1), R6 (≥ 2.2.2), Rcpp (≥ 0.12.19), rlang (≥ 0.3.0), tibble (≥ 1.4.2), tidyselect (≥ 0.1.0), tidyverse (≥ 1.2.1), vctrs (≥ 0.2.0)
LinkingTo:	BH (≥ 1.58.0-1), bindrcpp (≥ 0.2.0.9000), plogr (≥ 0.1.10), Rcpp (≥ 0.12.15)
Suggests:	bit64 (≥ 0.9.7), callr , covr (≥ 3.0.1), DBI (≥ 0.7.14), dbplyr (≥ 1.2.0), dtplyr (≥ 0.0.1), gridExtra , hms (≥ 0.4.1), knitr (≥ 1.19), Lahman (≥ 3.0-1), lubridate , MASS , mgcv (≥ 1.8.23), mnorm , nycflights13 (≥ 0.2.2), rmarkdown (≥ 1.8), RMySQL (≥ 0.10.13), RPostgreSQL , RSQLite (≥ 2.0), testthat (≥ 2.0.0), withr (≥ 2.1.1)
Published:	2018-11-10
Author:	Hadley Wickham  [aut, cre], Romain François  [aut], Lionel Henry [aut], RStudio [cph, fnd]
Maintainer:	hadley@hadley.nz
BugReports:	https://github.com/tidyverse/dplyr/issues
License:	MIT + file LICENSE
URL:	http://dplyr.tidyverse.org , https://github.com/tidyverse/dplyr

`devtools::install_github()`

Install the package from GitHub
source package - need dev environment

Need to know owner / repo name

Packages not on CRAN / don't have links in
DESCRIPTION

```
devtools::install_github()
```

```
devtools::install_github("r-lib/glue")
```

```
devtools::install_github("r-lib/glue@v1.2.0")
```

```
devtools::install_github("r-lib/glue#81")
```

`devtools::install_version()`

source package - need dev environment

Previous CRAN versions

`devtools::install_version("glue", "1.2.0")`

`devtools::install()`

source package - need dev environment

local packages

`git clone https://github.com/tidyverse/glue ~/path/to/glue`

`devtools::install("~/path/to/glue")`

Temporary Libraries

Just directories - `dir.create()` / `fs::dir_create()`

`lib` argument - `install.packages()`, `install_github()`

`lib.loc` argument - `library()`

When in doubt Restart R

```
usethis::use_course("rstd.io/wtf-source-package")
```

01_source-package_spartan.R
01_source-package_comfy.R*

* if you get stuck jim.R

Don't restrict yourself to CRAN packages only

Use temporary libraries to try out dev pkgs / revert
to older versions