

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), [methods](#) (≥ 2.0.1), [R6](#) (≥ 2.2.2), [Rcpp](#) (≥ 0.12.19), [rlang](#) (≥ 0.3.0), [tibble](#) (≥ 1.4.2), [tidyselect](#) (≥ 0.1.1)

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), [hms](#) (≥ 0.4.1), [knitr](#) (≥ 1.19), [Lahman](#) (≥ 3.0-1), [lubridate](#), [MASS](#), [mgcv](#) (≥ 1.8.23), [nycflights13](#) (≥ 0.2.2), [rmarkdown](#) (≥ 1.8), [RMySQL](#) (≥ 0.10.13), [RPostgreSQL](#), [RSQLite](#) (≥ 2.0), [testthat](#) (≥ 2.0.0), [withr](#) (≥ 2.1.1)

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BugReports: <https://github.com/tidyverse/dplyr/issues>

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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