

# Package ‘Rapp’

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**Title** Easily Build Command Line Applications

**Version** 0.2.0

**Description** Run simple 'R' scripts as command line applications, with automatic robust and convenient support for command line arguments. This package provides 'Rapp', an alternative 'R' front-end similar to 'Rscript', that enables this.

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**URL** <https://github.com/r-lib/Rapp>

**BugReports** <https://github.com/r-lib/Rapp/issues>

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Imports** yaml

**NeedsCompilation** no

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**Repository** CRAN

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|     |                      |
|-----|----------------------|
| run | <i>Run an R app.</i> |
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## Description

Run an R app.

## Usage

```
run(app, args = commandArgs(TRUE))
```

## Arguments

|      |                                        |
|------|----------------------------------------|
| app  | A filepath to an Rapp.                 |
| args | character vector of command line args. |

## Details

See the package README for full details. <https://github.com/r-lib/Rapp>

## Value

NULL, invisibly. Called for its side effect.

## Examples

```
# For the example, place 'Rapp', the package examples, and 'R' on the PATH
old_path <- Sys.getenv("PATH")
Sys.setenv(PATH = paste(system.file("examples", package = "Rapp"),
                           system.file("exec", package = "Rapp"),
                           R.home("bin"),
                           old_path,
                           sep = .Platform$path.sep))

# Here is an example app:
# flip-coin.R
writeLines(readLines(
  system.file("examples/flip-coin.R", package = "Rapp")))

if(.Platform$OS.type != "windows") {
  # on macOS and Linux, you can call the app directly
  system("flip-coin.R")
  system("flip-coin.R --n 3")
} else {
  # On windows, there is no support for shebang '#!' style executables
  # but you can invoke 'Rapp' directly
  system("Rapp flip-coin.R")
  system("Rapp flip-coin.R --n 3")
}
```

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```
# restore PATH
Sys.setenv(PATH = old_path)
```

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