

# Package: commafree (via r-universe)

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**Title** Call Functions Without Commas Between Arguments

**Version** 0.2.0

**Description** Provides the ``comma-free call" operator: '%(%)'. Use it to call a function without commas between the arguments. Just replace the '(' with '%(%)' in a function call, supply your arguments as standard R expressions enclosed by '{ }', and be free of commas (for that call).

**License** GPL (>= 3)

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.1

**URL** <https://github.com/t-kalinowski/commafree>

**BugReports** <https://github.com/t-kalinowski/commafree/issues>

**Repository** <https://t-kalinowski.r-universe.dev>

**RemoteUrl** <https://github.com/t-kalinowski/commafree>

**RemoteRef** HEAD

**RemoteSha** 817008bf87dcfcfe0b0498c3121a0d4b97b82cc7

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%%

*Call a function***Description**

This allows you to call a function with expressions for arguments. It is especially useful for long, multi-line function calls with many arguments (e.g., a shiny UI definition, an R6 class definition, ...)

**Usage**

```
fn %% args
```

**Arguments**

fn	A function
args	A set of expressions grouped by { }

**Details**

This (%%) merely performs a syntax transformation, so all the same semantics with regards to lazy argument evaluation apply. For any function call, replace ( with %% and be free of the need for commas between arguments in that call.

```
fn %% {
  a
  b
  c
}
```

Is syntactically equivalent to writing:

```
func(
  a,
  b,
  c
)
```

**Value**

Whatever fn() called with args returns.

**Note**

You can produce a missing argument with the special token ,, or foo = ` , ` for a named missing arguments (see examples).

**Examples**

```
mean %% {
  1:3
  na.rm = TRUE
}

writeLines(c %% {
  "Hello"
  "Goodbye"
})

# setup helper demonstrating missing arguments
fn <- function(x, y) {
  if(missing(y))
    print("y was missing")
  else
    print(y)
}

# How to add a named missing argument
fn %% {
  y = ` , `
}

# How to add a positional missing argument
fn %% {
  1
  ` , `
}

fn %% { 1; ` , ` }

rm(fn) # cleanup
```

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