

# Package ‘bindr’

March 13, 2018

**Title** Parametrized Active Bindings

**Version** 0.1.1

**Description** Provides a simple interface for creating active bindings where the bound function accepts additional arguments.

**Suggests** testthat

**LazyData** true

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**BugReports** <https://github.com/krlmlr/bindr/issues>

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**License** MIT + file LICENSE

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**Author** Kirill Müller [aut, cre] (<<https://orcid.org/0000-0002-1416-3412>>),  
RStudio [cph, fnd]

**Maintainer** Kirill Müller <krlmlr+r@mailbox.org>

**Repository** CRAN

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bindr-package

*bindr: Parametrized Active Bindings*

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### Description

Provides a simple interface for creating active bindings where the bound function accepts additional arguments.

### Details

See `create_env()` for creating an environment populated with active bindings, and `populate_env()` for populating an existing environment.

### Author(s)

**Maintainer:** Kirill Müller <krlmlr+r@mailbox.org>

Other contributors:

- RStudio [copyright holder]

### See Also

Useful links:

- <https://github.com/krlmlr/bindr>
- <https://krlmlr.github.io/bindr>
- Report bugs at <https://github.com/krlmlr/bindr/issues>

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create\_env

*Create or populate an environment with parametrized active bindings*

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### Description

Leverages `makeActiveBinding()` by allowing parametrized functions that take the name of the binding and an arbitrary number of additional arguments.

### Usage

```
create_env(names, fun, ..., .envir = parent.frame(),  
           .enclos = parent.frame())
```

```
populate_env(env, names, fun, ..., .envir = parent.frame())
```

**Arguments**

names	A <b>name</b> , or a list of names, or a character vector; in the latter case the names are mangled if they are not representable in the native encoding
fun	A <b>function</b> with at least one argument, which will be called to compute the value of a binding. The function will be called with the binding name as first argument (unnamed), and ... as additional arguments
...	Additional arguments to fun
.envir	The <b>environment</b> in which fun will be executed, important if fun calls other functions that are not globally visible
.enclos	The enclosing environment (parent .env) for the newly created environment
env	An environment

**Examples**

```
env <- create_env(letters, paste0, "-lowercase")
env$a
env$c
env$Z
populate_env(env, LETTERS, paste0, "-uppercase")
env$a
env$Z
```

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