

Package: bindr (via r-universe)

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Contents

bindr-package	2
create_env	2
Index	4

bindr-package

bindr: Parametrized Active Bindings

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.

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See Also

Useful links:

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

create_env

Create or populate an environment with parametrized active bindings

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 name , 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 function 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 environment 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
```

Index

`bindr (bindr-package)`, [2](#)
`bindr-package`, [2](#)

`create_env`, [2](#)
`create_env()`, [2](#)

`environment`, [3](#)

`function`, [3](#)

`makeActiveBinding()`, [2](#)

`name`, [3](#)

`populate_env (create_env)`, [2](#)
`populate_env()`, [2](#)