Package ‘bindr’

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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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- 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

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

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

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

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 \ldots as additional arguments

\ldots 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
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