Package ‘taber’

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Type Package
Title Split and Recombine Your Data
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Maintainer Seth Wenchel <seth@wenchel.com>
Description Sometimes you need to split your data and work on the two chunks independently be-
fore bringing them back together. ‘Taber’ allows you to do that with its two functions.
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LazyData TRUE
Imports magrittr, dplyr
URL https://github.com/restonslacker/taber
BugReports https://github.com/restonslacker/taber/issues
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clear_stack

Remove all objects from the stack by deleting them from memory.

Description
Remove all objects from the stack by deleting them from memory.

Usage
clear_stack()

Examples
library(dplyr)
aframe <- data.frame(zed = runif(100))
set_to_zero <- . %>% mutate(zed = 0)
aframe %>% scion(zed > 0.5, false_fun=set_to_zero)
clear_stack()

graft

Graft

Description
Graft one dataset onto another

Usage
graft(.data, combine_fun, data2)

Arguments
.data A tbl or something that can be coerced into one
combine_fun optional, A function that will combine two tbls such as full_join or bind_rows
data2 A tbl or something that can be coerced into one

Details
Graft requires two data objects. The first must be provided by the user. The second can either be passed in or automatically pulled off of the package's internal stack of scions. These will be combined according to the following rules in order:

- If either dataset has zero rows, the other dataset will be returned.
- If combine_fun is specified, combine_fun(.data, data2) will be called
- If all column names match, a row bind will occur
- If at least some column names match, a full join will occur
- If both have the same number of rows a column bind will be performed
Value
A single tbl object

Author(s)
Seth Wenchel

Examples
library(dplyr)
aframe <- data.frame(zed = runif(100))
set_to_zero <- . %>% mutate(zed = 0)
aframe %>% scion(zed > 0.5, false_fun=set_to_zero) %>% mutate(zed=1) %>% graft

Description
scion

Usage
scion(.data, ..., false_fun, false_name, false_env)

Arguments
.data A tbl or something that can be coerced into one
... conditions that will be passed to dplyr::filter
false_fun A function or functional that will be applied to the data that doesn’t pass the supplied filters (the scion)
false_name optional, the name of the object to which the scion will be assigned.
false_env optional, the environment into which which the scion will be assigned. If specified, false_name must also be specified. If unspecified (default), scions will be placed into the internal package environment.

Details
.data will be split into two chunks based on the conditions. The scion will be passed through false_fun and then either placed on the package’s internal stack or assigned as specified by false_name and false_env.

Value
A tbl whose rows have passed the stated conditions
Author(s)
Seth Wenchel

Examples
library(dplyr)
aframe <- data.frame(zed = runif(100))
set_to_zero <- . %>% mutate(zed = 0)
aframe %>% scion(zed > 0.5, false_fun=set_to_zero) %>% mutate(zed=1) %>% graft

Description
This is primarily to help with debugging.

Usage
stack_view(x)

Arguments
x optional string. If supplied it should match the name of an object in the package environment. The value of the corresponding variable will be returned. If missing, a list of all objects in the package environment.

Note
Note that graft does not delete objects from the environment.
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