Package 'ready4fun'

September 13, 2020

Title Readyforwhatsnext Function Authoring And Documentation

Tools Version 0.0.0.9216 **Description** ready4fun is a collection of functions for authoring code libraries of functions and datasets for use in mental health simulations developed within the readyforwhatsnext ecosystem. This development version of the ready4fun package has been made available as part of the process of testing and documenting the package. That means this should be regarded as UNTESTED software, which is provided for free WITHOUT ANY WARRANTY. Importantly, the tools contained in this test release automate a number of tasks which MODIFY THE DIRECTORY STRUCTURE OF YOUR LOCAL MACHINE. While we welcome and appreciate anyone who takes the time to provide us with feedback on this test release, we caution you that you should only test this software if you feel confident you understand what it does and have created a sandpit area in which you can safely undertake testing. If you have any questions, please contact the authors (matthew.hamilton@orygen.org.au). License GPL-3 URL https://readyforwhatsnext.github.io/ready4fun/, https://github.com/readyforwhatsnext/ready4fun, https://readyforwhatsnext.github.io/readyforwhatsnext/ **Encoding** UTF-8 LazyData true **Roxygen** list(markdown = TRUE) RoxygenNote 7.1.1 Imports lifecycle, methods, Hmisc. devtools. dplyr, magrittr, pkgdown, purrr,

readxl, rlang,

2 R topics documented:

```
sinew,
stats,
stringi,
stringr,
testit,
tibble,
tools,
usethis,
xfun

RdMacros lifecycle

Depends R (>= 2.10)
```

R topics documented:

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add_indef_artl_to_item
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ready4fun-package ready4fun: Readyforwhatsnext Function Authoring And Documentation Tools

Description

ready4fun is a collection of functions for authoring code libraries of functions and datasets for use in mental health simulations developed within the readyforwhatsnext ecosystem. This development version of the ready4fun package has been made available as part of the process of testing and documenting the package. That means this should be regarded as UNTESTED software, which is provided for free WITHOUT ANY WARRANTY. Importantly, the tools contained in this test release automate a number of tasks which MODIFY THE DIRECTORY STRUCTURE OF YOUR LOCAL MACHINE. While we welcome and appreciate anyone who takes the time to provide us with feedback on this test release, we caution you that you should only test this software if you feel confident you understand what it does and have created a sandpit area in which you can safely undertake testing. If you have any questions, please contact the authors (matthew.hamilton@orygen.org.au).

Details

To learn more about ready4fun, start with the vignettes: browseVignettes(package = "ready4fun")

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See Also

Useful links:

- https://readyforwhatsnext.github.io/ready4fun/
- https://github.com/readyforwhatsnext/ready4fun
- https://readyforwhatsnext.github.io/readyforwhatsnext/

abbreviations_lup 5

abbreviations_lup

Common abbreviations lookup table

Description

A lookup table for abbreviations commonly used in object names in the ready4funpackage.

Usage

```
abbreviations_lup
```

Format

An object of class tbl_df (inherits from tbl, data.frame) with 198 rows and 3 columns.

Details

A tibble

```
short_name_chr Short name (a character vector)
long_name_chr Long name (a character vector)
plural_lgl Plural (a logical vector)
```

Source

https://readyforwhatsnext.github.io/readyforwhatsnext/

```
add_indefartls_to_phrases
```

Add indefinite articles to phrases

Description

add_indefartls_to_phrases() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add indefinite articles to phrases. Function argument abbreviated_phrase_1L_chr specifies the object to be updated. The function returns Phrases (a character vector).

```
add_indefartls_to_phrases(
  abbreviated_phrase_1L_chr,
  abbreviations_lup = NULL,
  ignore_phrs_not_in_lup_1L_lgl = T
)
```

Arguments

Value

Phrases (a character vector)

```
add_indef_artl_to_item
```

Add indefinite article to item

Description

add_indef_artl_to_item() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add indefinite article to item. Function argument phrase_chr specifies the object to be updated. The function returns Indefinite item (a character vector).

Usage

```
add_indef_artl_to_item(
  phrase_chr,
  abbreviations_lup = NULL,
  ignore_phrs_not_in_lup_1L_lgl = T
)
```

Arguments

Value

Indefinite item (a character vector)

```
add_plurals_to_abbr_lup

Add plurals to abbreviation
```

Description

add_plurals_to_abbr_lup() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add plurals to abbreviation lookup table. Function argument abbr_tb specifies the object to be updated. The function returns Abbreviation (a tibble).

Usage

```
add_plurals_to_abbr_lup(
  abbr_tb,
  no_plural_chr = NA_character_,
  custom_plural_ls = NULL
)
```

Arguments

```
abbr_tb Abbreviation (a tibble)

no_plural_chr No plural (a character vector), Default: 'NA'

custom_plural_ls

Custom plural (a list), Default: NULL
```

Value

Abbreviation (a tibble)

```
add_rows_to_fn_type_lup

Add rows to function type
```

Description

add_rows_to_fn_type_lup() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add rows to function type lookup table. Function argument fn_type_lup_tb specifies the object to be updated. The function returns Updated function type lookup table (a tibble).

```
add_rows_to_fn_type_lup(
  fn_type_lup_tb = make_fn_type_lup(),
  fn_type_nm_chr = NA_character_,
  fn_type_desc_chr = NA_character_,
  first_arg_desc_chr = NA_character_,
  second_arg_desc_chr = NA_character_,
```

```
is_generic_lgl = F,
is_method_lgl = F
```

Arguments

Value

Updated function type lookup table (a tibble)

```
assert_inp_does_not_match_terms

Assert input does not match terms
```

Description

assert_inp_does_not_match_terms() is an Assert function that validates that an object conforms to required condition(s). If the object does not meet all required conditions, program execution will be stopped and an error message provided. Specifically, this function implements an algorithm to assert input does not match terms. Function argument input_chr specifies the object on which assert validation checks are to be performed. Argument exclude_if_match_chr provides the object containing values used for validation tests. The function is called for its side effects and does not return a value.

Usage

```
assert_inp_does_not_match_terms(input_chr, exclude_if_match_chr)
```

Arguments

close_open_sinks 9

close_open_sinks

Close open sinks

Description

close_open_sinks() is a Close function that closes specified connections. Specifically, this function implements an algorithm to close open sinks. The function is called for its side effects and does not return a value.

Usage

```
close_open_sinks()
```

fn_type_lup_tb

Function type lookup table

Description

A lookup table to find descriptions for different types of functions used within the ready4fun package suite.

Usage

```
fn_type_lup_tb
```

Format

An object of class tbl_df (inherits from tbl, data.frame) with 16 rows and 6 columns.

Details

A tibble

```
fn_type_nm_chr Function type name (a character vector)
fn_type_desc_chr Function type description (a character vector)
first_arg_desc_chr First argument description (a character vector)
second_arg_desc_chr Second argument description (a character vector)
is_generic_lgl Is generic (a logical vector)
is_method_lgl Is method (a logical vector)
```

Source

https://readyforwhatsnext.github.io/readyforwhatsnext/

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```
force_instl_of_reqd_pkg
```

Force install of required package

Description

force_instl_of_reqd_pkg() is a Force function that checks if a specified local or global environmental condition is met and if not, updates the specified environment to comply with the condition. Specifically, this function implements an algorithm to force install of required package. The function is called for its side effects and does not return a value.

Usage

```
force_instl_of_reqd_pkg(package_nm_1L_chr)
```

Arguments

```
package_nm_1L_chr
```

Package name (a character vector of length one)

get_arg_obj_type

Get argument object type

Description

get_arg_obj_type() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get argument object type. Function argument argument_nm_1L_chr specifies the where to look for the required object. The function returns Argument object type (a character vector of length one).

Usage

```
get_arg_obj_type(argument_nm_1L_chr, object_type_lup = NULL)
```

Arguments

```
argument_nm_1L_chr
Argument name (a character vector of length one)
object_type_lup
Object type (a lookup table), Default: NULL
```

Value

Argument object type (a character vector of length one)

get_dev_pkg_nm 11

get_dev_pkg_nm

Get development package name

Description

get_dev_pkg_nm() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get development package name. Function argument path_to_pkg_rt_1L_chr specifies the where to look for the required object. The function returns Development package name (a character vector of length one).

Usage

```
get_dev_pkg_nm(path_to_pkg_rt_1L_chr = ".")
```

Arguments

```
path_to_pkg_rt_1L_chr
```

Path to package root (a character vector of length one), Default: '.'

Value

Development package name (a character vector of length one)

get_fn_args

Get function arguments

Description

get_fn_args() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get function arguments. Function argument fn specifies the where to look for the required object. The function returns Function arguments (a character vector).

Usage

```
get_fn_args(fn)
```

Arguments

fn

Function (a function)

Value

Function arguments (a character vector)

12 get_from_lup_obj

```
get_fn_nms_in_file
Get function names in file
```

Description

get_fn_nms_in_file() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get function names in file. Function argument path_1L_chr specifies the where to look for the required object. The function returns Local (a character vector).

Usage

```
get_fn_nms_in_file(path_1L_chr)
```

Arguments

```
path_1L_chr Path (a character vector of length one)
```

Value

Local (a character vector)

```
get_from_lup_obj
```

Get from lookup table object

Description

get_from_lup_obj() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get from lookup table object. Function argument data_lookup_tb specifies the where to look for the required object. The function returns Return object (an output object of multiple potential types).

Usage

```
get_from_lup_obj(
  data_lookup_tb,
  match_value_xx,
  match_var_nm_1L_chr,
  target_var_nm_1L_chr,
  evaluate_lgl = TRUE
)
```

Arguments

get_new_fn_types 13

Value

Return object (an output object of multiple potential types)

get_new_fn_types

Get new function types

Description

get_new_fn_types() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get new function types. Function argument abbreviations_lup specifies the where to look for the required object. The function returns New function types (a character vector).

Usage

```
get_new_fn_types(
  abbreviations_lup,
  fn_type_lup_tb,
  fn_nms_ls = make_fn_nms(),
  undmtd_fns_dir_chr = make_undmtd_fns_dir_chr()
)
```

Arguments

Undocumented functions directory (a character vector), Default: make_undmtd_fns_dir_chr()

Value

New function types (a character vector)

get_outp_obj_type

Get output object type

Description

get_outp_obj_type() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get output object type. Function argument fns_chr specifies the where to look for the required object. The function returns Output object type (a character vector).

```
get_outp_obj_type(fns_chr)
```

14 get_return_obj_nm

Arguments

fns_chr Functions (a character vector)

Value

Output object type (a character vector)

get_r4_obj_slots

Get readyforwhatsnext S4 object slots

Description

get_r4_obj_slots() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get readyforwhatsnext s4 object slots. Function argument fn_name_1L_chr specifies the where to look for the required object. The function returns Slots (a character vector).

Usage

```
get_r4_obj_slots(fn_name_1L_chr, package_1L_chr = "")
```

Arguments

```
fn_name_1L_chr Function name (a character vector of length one)
package_1L_chr Package (a character vector of length one), Default: "
```

Value

Slots (a character vector)

get_return_obj_nm

Get return object name

Description

get_return_obj_nm() is a Get function that retrieves a pre-existing data object from memory, local file system or online repository. Specifically, this function implements an algorithm to get return object name. Function argument fn specifies the where to look for the required object. The function returns Return (a character vector of length one).

Usage

```
get_return_obj_nm(fn)
```

Arguments

fn

Function (a function)

Value

Return (a character vector of length one)

import_xls_sheets 15

import_xls_sheets

Import Excel workbook sheets

Description

import_xls_sheets() is an Import function that reads a data object in its native format and converts it to an R object. Specifically, this function implements an algorithm to import excel workbook sheets. The function returns Tibble list (a list of tibbles).

Usage

```
import_xls_sheets(range_1L_chr, sheet_names_chr, path_1L_chr)
```

Arguments

```
range_1L_chr Range (a character vector of length one)
sheet_names_chr
Sheet names (a character vector)
path_1L_chr Path (a character vector of length one)
```

Value

Tibble list (a list of tibbles)

make_arg_desc

Make argument description

Description

make_arg_desc() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make argument description. The function returns Argument description (a character vector).

Usage

```
make_arg_desc(fn_args_chr, object_type_lup = NULL, abbreviations_lup = NULL)
```

Arguments

```
fn_args_chr Function arguments (a character vector)
object_type_lup
Object type (a lookup table), Default: NULL
abbreviations_lup
Abbreviations (a lookup table), Default: NULL
```

Value

Argument description (a character vector)

16 make_arg_desc_spine

```
make_arg_desc_ls
```

Make argument description

Description

make_arg_desc_ls() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make argument description list. The function is called for its side effects and does not return a value.

Usage

```
make_arg_desc_ls(fn_nms_chr, abbreviations_lup = NULL, object_type_lup = NULL)
```

Arguments

make_arg_desc_spine

Make argument description spine

Description

make_arg_desc_spine() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make argument description spine. The function is called for its side effects and does not return a value.

Usage

```
make_arg_desc_spine(
   argument_nm_1L_chr,
   object_type_lup = NULL,
   abbreviations_lup = NULL)
```

Arguments

Value

NA()

make_arg_title 17

make_arg_title

Make argument title

Description

make_arg_title() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make argument title. The function returns Title (a character vector).

Usage

```
make_arg_title(
   args_chr,
   match_chr,
   object_type_lup = NULL,
   abbreviations_lup = NULL)
```

Arguments

```
args_chr Arguments (a character vector)

match_chr Match (a character vector)

object_type_lup

Object type (a lookup table), Default: NULL

abbreviations_lup

Abbreviations (a lookup table), Default: NULL
```

Value

Title (a character vector)

make_arg_type

Make argument type

Description

make_arg_type() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make argument type. The function returns Argument description (a character vector).

```
make_arg_type(
  fn_args_chr,
  object_type_lup = NULL,
  abbreviations_lup = NULL,
  fn
)
```

18 make_arg_type_abbr

Arguments

```
fn_args_chr Function arguments (a character vector)

object_type_lup

Object type (a lookup table), Default: NULL

abbreviations_lup

Abbreviations (a lookup table), Default: NULL

fn Function (a function)
```

Value

Argument description (a character vector)

make_arg_type_abbr

Make argument type abbreviation

Description

make_arg_type_abbr() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make argument type abbreviation. The function returns Argument type abbreviation (a character vector).

Usage

```
make_arg_type_abbr(
  fn_args_chr,
  object_type_lup = NULL,
  abbreviations_lup = NULL)
```

Arguments

```
fn_args_chr Function arguments (a character vector)
object_type_lup
Object type (a lookup table), Default: NULL
abbreviations_lup
Abbreviations (a lookup table), Default: NULL
```

Value

Argument type abbreviation (a character vector)

```
make_arg_type_abbr_spine
```

Make argument type abbreviation spine

Description

make_arg_type_abbr_spine() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make argument type abbreviation spine. The function returns Argument type abbreviation spine (a character vector of length one).

Usage

```
make_arg_type_abbr_spine(argument_nm_1L_chr, lup_tb)
```

Arguments

```
argument_nm_1L_chr
```

Argument name (a character vector of length one)

lup_tb Lookup table (a tibble)

Value

Argument type abbreviation spine (a character vector of length one)

Description

make_arg_type_lup_ls() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make argument type lookup table list. The function returns Lookup table list (a list of lookup tables).

Usage

```
make_arg_type_lup_ls(object_type_lup = NULL)
```

Arguments

```
object_type_lup
```

Object type (a lookup table), Default: NULL

Value

Lookup table list (a list of lookup tables)

20 make_fn_desc

Description

make_dmt_for_all_fns() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make documentation for all functions. The function returns All functions documentation (a tibble).

Usage

```
make_dmt_for_all_fns(
  paths_ls = make_fn_nms(),
  undocumented_fns_dir_chr = make_undmtd_fns_dir_chr(),
  custom_dmt_ls = list(details_ls = NULL, inc_for_main_user_lgl_ls =
    list(force_true_chr = NA_character_, force_false_chr = NA_character_), args_ls_ls =
    NULL),
  fn_type_lup_tb,
  abbreviations_lup = NULL
)
```

Arguments

Value

All functions documentation (a tibble)

make_fn_desc

Make function description

Description

make_fn_desc() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function description. The function returns Function description (a character vector).

make_fn_desc_spine 21

Usage

```
make_fn_desc(
  fns_chr,
  title_chr,
  output_chr,
  fn_type_lup_tb = NULL,
  abbreviations_lup = NULL,
  test_for_write_R_warning_fn = NULL,
  is_generic_lgl = F
)
```

Arguments

Value

Function description (a character vector)

Description

make_fn_desc_spine() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function description spine. The function returns Function description spine (a character vector of length one).

```
make_fn_desc_spine(
  fn_name_1L_chr,
  fn_title_1L_chr,
  fn_type_lup_tb = NULL,
  abbreviations_lup = NULL)
```

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Arguments

```
fn_name_1L_chr Function name (a character vector of length one)
fn_title_1L_chr
Function title (a character vector of length one)
fn_type_lup_tb Function type lookup table (a tibble), Default: NULL
abbreviations_lup
Abbreviations (a lookup table), Default: NULL
```

Value

Function description spine (a character vector of length one)

make_fn_dmt_spine

Make function documentation spine

Description

make_fn_dmt_spine() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function documentation spine. The function returns Function documentation spine (a list of character vectors).

Usage

```
make_fn_dmt_spine(
   fn_name_1L_chr,
   fn_type_1L_chr,
   fn_title_1L_chr = NA_character_,
   fn,
   details_1L_chr = NA_character_,
   example_1L_lgl = F,
   export_1L_lgl = T,
   class_name_1L_chr,
   doc_in_class_1L_lgl
)
```

Arguments

```
fn_name_1L_chr Function name (a character vector of length one)

fn_type_1L_chr Function type (a character vector of length one)

fn_title_1L_chr
Function title (a character vector of length one), Default: 'NA'

fn Function (a function)

details_1L_chr Details (a character vector of length one), Default: 'NA'

example_1L_lgl Example (a logical vector of length one), Default: F

export_1L_lgl Export (a logical vector of length one), Default: T

class_name_1L_chr
Class name (a character vector of length one)

doc_in_class_1L_lgl
Document in class (a logical vector of length one)
```

make_fn_dmt_tbl 23

Value

Function documentation spine (a list of character vectors)

make_fn_dmt_tbl

Make function documentation table

Description

make_fn_dmt_tbl() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function documentation table. The function returns Function documentation table (a tibble).

Usage

```
make_fn_dmt_tbl(
  fns_path_chr,
  fns_dir_chr = make_undmtd_fns_dir_chr(),
  custom_dmt_ls = list(title_ls = NULL, desc_ls = NULL, details_ls = NULL,
    inc_for_main_user_lgl_ls = NULL, output_ls = NULL, example_ls = NULL, args_ls_ls =
    NULL),
  append_1L_lgl = T,
  fn_type_lup_tb = NULL,
  abbreviations_lup = NULL,
  object_type_lup = NULL,
  test_for_write_R_warning_fn = NULL
)
```

Arguments

```
fns_path_chr
                  Functions path (a character vector)
fns_dir_chr
                  Functions directory (a character vector), Default: make_undmtd_fns_dir_chr()
                  Custom documentation (a list), Default: list(title_ls = NULL, desc_ls = NULL,
custom_dmt_ls
                  details_ls = NULL, inc_for_main_user_lgl_ls = NULL, output_ls = NULL, ex-
                  ample_ls = NULL, args_ls_ls = NULL)
append_1L_lgl
                 Append (a logical vector of length one), Default: T
fn_type_lup_tb Function type lookup table (a tibble), Default: NULL
abbreviations_lup
                  Abbreviations (a lookup table), Default: NULL
object_type_lup
                  Object type (a lookup table), Default: NULL
test_for_write_R_warning_fn
                  Test for write warning (a function), Default: NULL
```

Value

Function documentation table (a tibble)

24 make_fn_nms

```
make_fn_dmt_tbl_tpl
```

Make function documentation table template

Description

make_fn_dmt_tbl_tpl() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function documentation table template. The function returns Function documentation table (a tibble).

Usage

```
make_fn_dmt_tbl_tpl(
    fns_path_chr,
    fns_dir_chr = make_undmtd_fns_dir_chr(),
    fn_type_lup_tb = NULL,
    abbreviations_lup = NULL,
    object_type_lup = NULL,
    test_for_write_R_warning_fn = NULL
)
```

Arguments

Value

Function documentation table (a tibble)

make_fn_nms

Make function names

Description

make_fn_nms() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function names. The function returns Functions (a list of character vectors of length one).

```
make_fn_nms(path_1L_chr = "data-raw")
```

make_fn_title 25

Arguments

```
path_1L_chr Path (a character vector of length one), Default: 'data-raw'
```

Value

Functions (a list of character vectors of length one)

make_fn_title

Make function title

Description

make_fn_title() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function title. The function returns Title (a character vector).

Usage

```
make_fn_title(
  fns_chr,
  object_type_lup = NULL,
  abbreviations_lup = NULL,
  is_generic_lgl = F
)
```

Arguments

```
fns_chr Functions (a character vector)

object_type_lup

Object type (a lookup table), Default: NULL

abbreviations_lup

Abbreviations (a lookup table), Default: NULL

is_generic_lgl Is generic (a logical vector), Default: F
```

Value

Title (a character vector)

 $make_fn_types$

Make function types

Description

make_fn_types() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function types. The function returns Functions type (a character vector).

```
make_fn_types()
```

26 make_fn_type_lup

Value

Functions type (a character vector)

make_fn_type_lup

Make function type

Description

 $make_fn_type_lup()$ is a Make function that creates a new R object. Specifically, this function implements an algorithm to make function type lookup table. The function returns Function type lookup table (a tibble).

Usage

```
make_fn_type_lup(
   fn_type_nm_chr = character(0),
   fn_type_desc_chr = character(0),
   first_arg_desc_chr = character(0),
   second_arg_desc_chr = character(0),
   is_generic_lgl = logical(0),
   is_method_lgl = logical(0)
)
```

Arguments

Value

Function type lookup table (a tibble)

```
make_gtr_str_dmt_spine
```

Make getter setter documentation spine

Description

make_gtr_str_dmt_spine() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make getter setter documentation spine. The function returns Getter setter documentation spine (a list of character vectors).

Usage

```
make_gtr_str_dmt_spine(
  fn_type_1L_chr,
  fn_name_1L_chr,
  class_name_1L_chr,
  doc_in_class_1L_lgl,
  example_1L_lgl = F
)
```

Arguments

```
fn_type_1L_chr Function type (a character vector of length one)

fn_name_1L_chr Function name (a character vector of length one)

class_name_1L_chr

Class name (a character vector of length one)

doc_in_class_1L_lg1

Document in class (a logical vector of length one)

example_1L_lg1 Example (a logical vector of length one), Default: F
```

Value

Getter setter documentation spine (a list of character vectors)

```
make_lines_for_fn_dmt Make lines for function documentation
```

Description

make_lines_for_fn_dmt() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make lines for function documentation. The function is called for its side effects and does not return a value.

Usage

```
make_lines_for_fn_dmt(
  fn_name_1L_chr,
  fn_type_1L_chr,
  fn = NULL,
  fn_desc_1L_chr = NA_character_,
  fn_out_type_1L_chr = NA_character_,
  fn_title_1L_chr = NA_character_,
  example_1L_1gl = F,
  export_1L_1gl = T,
  class_name_1L_chr = ""
  details_1L_chr = "DETAILS",
  args_ls = NULL,
  import_chr = NA_character_,
  doc_in_class_1L_lgl = F,
  abbreviations_lup = NULL,
  object_type_lup = NULL
```

Arguments

```
fn_name_1L_chr Function name (a character vector of length one)
fn_type_1L_chr Function type (a character vector of length one)
fn
                  Function (a function), Default: NULL
fn_desc_1L_chr Function description (a character vector of length one), Default: 'NA'
fn_out_type_1L_chr
                  Function out type (a character vector of length one), Default: 'NA'
fn_title_1L_chr
                  Function title (a character vector of length one), Default: 'NA'
example_1L_lgl Example (a logical vector of length one), Default: F
export_1L_1g1 Export (a logical vector of length one), Default: T
class_name_1L_chr
                  Class name (a character vector of length one), Default: "
details_1L_chr Details (a character vector of length one), Default: 'DETAILS'
args_ls
                  Arguments (a list), Default: NULL
import_chr
                  Import (a character vector), Default: 'NA'
doc_in_class_1L_lgl
                  Document in class (a logical vector of length one), Default: F
abbreviations_lup
                  Abbreviations (a lookup table), Default: NULL
object_type_lup
                  Object type (a lookup table), Default: NULL
```

make_new_fn_dmt 29

make_new_fn_dmt

Make new function documentation

Description

make_new_fn_dmt() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make new function documentation. The function returns New function documentation (a list of character vectors).

Usage

```
make_new_fn_dmt(
   fn_type_1L_chr,
   fn_name_1L_chr,
   fn_desc_1L_chr = NA_character_,
   fn_det_1L_chr = NA_character_,
   fn_out_type_1L_chr = NA_character_,
   args_ls = NULL,
   fn = NULL,
   abbreviations_lup = NULL,
   object_type_lup = NULL
)
```

Arguments

```
fn_type_1L_chr Function type (a character vector of length one)

fn_name_1L_chr Function name (a character vector of length one)

fn_desc_1L_chr Function description (a character vector of length one), Default: 'NA'

fn_det_1L_chr Function det (a character vector of length one), Default: 'NA'

fn_out_type_1L_chr
Function out type (a character vector of length one), Default: 'NA'

args_1s Arguments (a list), Default: NULL

fn Function (a function), Default: NULL

abbreviations_lup
Abbreviations (a lookup table), Default: NULL

object_type_lup
Object type (a lookup table), Default: NULL
```

Value

New function documentation (a list of character vectors)

30 make_ret_obj_desc

make_obj_lup

Make object

Description

make_obj_lup() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make object lookup table. The function returns Object (a tibble).

Usage

```
make_obj_lup()
```

Value

Object (a tibble)

make_ret_obj_desc

Make ret object description

Description

make_ret_obj_desc() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make ret object description. The function returns Ret object description (a character vector of length one).

Usage

```
make\_ret\_obj\_desc(fn, \ abbreviations\_lup, \ starts\_sentence\_1L\_lgl \ = \ T)
```

Arguments

Value

Ret object description (a character vector of length one)

```
make_short_long_nms_vec
```

Make short long names vec

Description

make_short_long_nms_vec() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make short long names vec. The function returns Short and long vec (a character vector).

Usage

```
make_short_long_nms_vec(
   long_vecs_chr = character(0),
   short_vecs_chr = character(0)
)
```

Arguments

```
long_vecs_chr Long vecs (a character vector), Default: character(0) short_vecs_chr Short vecs (a character vector), Default: character(0)
```

Value

Short and long vec (a character vector)

make_std_fn_dmt_spine Make standard function documentation spine

Description

make_std_fn_dmt_spine() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make standard function documentation spine. The function returns Standard function documentation spine (a list of character vectors).

```
make_std_fn_dmt_spine(
  fn_name_1L_chr,
  fn_type_1L_chr,
  fn_title_1L_chr,
  fn,
  details_1L_chr = NA_character_,
  example_1L_lgl = F,
  export_1L_lgl = T,
  class_name_1L_chr = "",
  exclude_if_match_chr
)
```

Arguments

Value

Standard function documentation spine (a list of character vectors)

Description

make_undmtd_fns_dir_chr() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make undocumented functions directory character vector. The function returns Undocumented functions directory (a character vector).

Usage

```
make_undmtd_fns_dir_chr(path_1L_chr = "data-raw")
```

Arguments

```
path_1L_chr Path (a character vector of length one), Default: 'data-raw'
```

Value

Undocumented functions directory (a character vector)

object_type_lup 33

object_type_lup

Object abbreviations lookup table

Description

A lookup table to identify R object types from an abbreviation that can be used as object name suffices.

Usage

```
object_type_lup
```

Format

An object of class tbl_df (inherits from tbl, data.frame) with 109 rows and 3 columns.

Details

A tibble

```
short_name_chr Short name (a character vector)
long_name_chr Long name (a character vector)
plural_lgl Plural (a logical vector)
```

Source

https://readyforwhatsnext.github.io/readyforwhatsnext/

read_fns

Read functions

Description

 $read_fns()$ is a Read function that reads an R script into memory. Specifically, this function implements an algorithm to read functions. Function argument $fns_dir_1L_chr$ specifies the path to object. The function returns Functions path (a character vector).

Usage

```
read_fns(fns_dir_1L_chr = "data-raw/fns/")
```

Arguments

fns_dir_1L_chr Functions directory (a character vector of length one), Default: 'data-raw/fns/'

Value

Functions path (a character vector)

34 replace_abbr

Description

remove_obj_type_from_nm() is a Remove function that edits an object, removing a specified element or elements. Specifically, this function implements an algorithm to remove object type from name. Function argument nms_chr specifies the object to be updated. Argument object_type_lup provides the object to be updated. The function returns Names (a character vector).

Usage

```
remove_obj_type_from_nm(
  nms_chr,
  object_type_lup = NULL,
  abbreviations_lup = NULL,
  is_generic_lgl = F
)
```

Arguments

```
nms_chr Names (a character vector)

object_type_lup

Object type (a lookup table), Default: NULL

abbreviations_lup

Abbreviations (a lookup table), Default: NULL

is_generic_lgl Is generic (a logical vector), Default: F
```

Value

Names (a character vector)

replace_abbr

Replace abbreviation

Description

replace_abbr() is a Replace function that edits an object, replacing a specified element with another specified element. Specifically, this function implements an algorithm to replace abbreviation. Function argument title_chr specifies the object to be updated. Argument abbreviations_lup provides the object to be updated. The function returns Title (a character vector).

```
replace_abbr(title_chr, abbreviations_lup = NULL, collapse_lgl = T)
```

Arguments

Value

Title (a character vector)

```
rowbind_all_tbs_in_r4_obj
```

Rowbind all tibbles in readyforwhatsnext S4 object

Description

rowbind_all_tbs_in_r4_obj() is a Rowbind function that performs custom rowbind operations on table objects. Specifically, this function implements an algorithm to rowbind all tibbles in readyforwhatsnext s4 object. The function returns Tibbles (a readyforwhatsnext S4).

Usage

```
rowbind_all_tbs_in_r4_obj(tbs_r4, second_tbs_r4, r4_name_1L_chr)
```

Arguments

```
tbs_r4 Tibbles (a readyforwhatsnext S4)
second_tbs_r4 Second tibbles (a readyforwhatsnext S4)
r4_name_1L_chr Readyforwhatsnext S4 name (a character vector of length one)
```

Value

Tibbles (a readyforwhatsnext S4)

```
rowbind_tbs_in_r4_obj Rowbind tibbles in readyforwhatsnext S4 object
```

Description

rowbind_tbs_in_r4_obj() is a Rowbind function that performs custom rowbind operations on table objects. Specifically, this function implements an algorithm to rowbind tibbles in readyforwhatsnext s4 object. The function returns Tibbles (a readyforwhatsnext S4).

```
rowbind_tbs_in_r4_obj(tbs_r4, slot_nm_1L_chr, second_tbs_r4, r4_name_1L_chr)
```

36 update_abbr_lup

Arguments

```
tbs_r4 Tibbles (a readyforwhatsnext S4)
slot_nm_1L_chr Slot name (a character vector of length one)
second_tbs_r4 Second tibbles (a readyforwhatsnext S4)
r4_name_1L_chr Readyforwhatsnext S4 name (a character vector of length one)
```

Value

Tibbles (a readyforwhatsnext S4)

unload_packages

Unload packages

Description

unload_packages() is an Unload function that performs a custom detaching of a package from the search path. Specifically, this function implements an algorithm to unload packages. Function argument package_chr specifies the package(s) to be detached from the search path. The function is called for its side effects and does not return a value.

Usage

```
unload_packages(package_chr)
```

Arguments

```
package_chr Package (a character vector)
```

update_abbr_lup

Update abbreviation

Description

update_abbr_lup() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update abbreviation lookup table. Function argument abbr_tb specifies the object to be updated. Argument short_name_chr provides the object to be updated. The function returns Abbreviation (a tibble).

```
update_abbr_lup(
  abbr_tb,
  short_name_chr,
  long_name_chr,
  no_plural_chr = NA_character_,
  custom_plural_ls = NULL,
  pfx_rgx = NA_character_
)
```

update_first_word_case 37

Arguments

Value

Abbreviation (a tibble)

Description

update_first_word_case() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update first word case. Function argument phrase_1L_chr specifies the object to be updated. Argument fn provides the object to be updated. The function returns Phrase (a character vector of length one).

Usage

```
update_first_word_case(phrase_1L_chr, fn = tolower)
```

Arguments

```
phrase_1L_chr Phrase (a character vector of length one)
fn Function (a function), Default: tolower
```

Value

Phrase (a character vector of length one)

38 update_fns_dmt_tb

Description

update_fns_dmt_tb() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update functions documentation tibble. Function argument fns_dmt_tb specifies the object to be updated. Argument title_ls provides the object to be updated. The function returns Functions documentation (a tibble).

Usage

```
update_fns_dmt_tb(
  fns_dmt_tb,
  title_ls = NULL,
  desc_ls = NULL,
  details_ls = NULL,
  inc_for_main_user_lgl_ls = NULL,
  output_ls = NULL,
  example_ls = NULL,
  args_ls_ls = NULL,
  append_1L_lgl = T
)
```

Arguments

```
fns\_dmt\_tb
                  Functions documentation (a tibble)
                  Title (a list), Default: NULL
title_ls
desc_ls
                  Description (a list), Default: NULL
details_ls
                  Details (a list), Default: NULL
inc_for_main_user_lgl_ls
                  Inc for main user (a list of logical vectors), Default: NULL
output_ls
                  Output (a list), Default: NULL
example_ls
                  Example (a list), Default: NULL
                  Arguments (a list of lists), Default: NULL
args_ls_ls
append_1L_lgl
                  Append (a logical vector of length one), Default: T
```

Value

Functions documentation (a tibble)

```
update_fns_dmt_tb_chr_vars
```

Update functions documentation tibble character vector vars

Description

update_fns_dmt_tb_chr_vars() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update functions documentation tibble character vector vars. Function argument fns_dmt_tb specifies the object to be updated. Argument data_1L_chr provides the object to be updated. The function returns Functions documentation (a tibble).

Usage

```
update_fns_dmt_tb_chr_vars(fns_dmt_tb, data_1L_chr, new_ls, append_1L_lgl)
```

Arguments

fns_dmt_tb Functions documentation (a tibble)
data_1L_chr Data (a character vector of length one)
new_1s New (a list)

append_1L_1gl Append (a logical vector of length one)

Value

Functions documentation (a tibble)

```
update_fns_dmt_tb_lgl_vars
```

Update functions documentation tibble logical vector vars

Description

update_fns_dmt_tb_lgl_vars() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update functions documentation tibble logical vector vars. Function argument fns_dmt_tb specifies the object to be updated. Argument data_1L_chr provides the object to be updated. The function returns Functions documentation (a tibble).

Usage

```
update_fns_dmt_tb_lgl_vars(fns_dmt_tb, data_1L_chr, new_ls)
```

Arguments

fns_dmt_tb Functions documentation (a tibble)
data_1L_chr Data (a character vector of length one)
new_ls New (a list)

40 update_fn_dmt

Value

Functions documentation (a tibble)

Description

update_fns_dmt_tb_ls_vars() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update functions documentation tibble list vars. Function argument fns_dmt_tb specifies the object to be updated. Argument data_1L_chr provides the object to be updated. The function returns Functions documentation (a tibble).

Usage

```
update_fns_dmt_tb_ls_vars(fns_dmt_tb, data_1L_chr, new_ls, append_1L_lgl)
```

Arguments

```
fns_dmt_tb Functions documentation (a tibble)
data_1L_chr Data (a character vector of length one)
new_ls New (a list)
append_1L_lgl Append (a logical vector of length one)
```

Value

Functions documentation (a tibble)

update_fn_dmt

Update function documentation

Description

update_fn_dmt() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update function documentation. Function argument fn_tags_spine_ls specifies the object to be updated. Argument new_tag_chr_ls provides the object to be updated. The function returns Function documentation (a character vector of length one).

```
update_fn_dmt(
   fn_tags_spine_ls,
   new_tag_chr_ls,
   fn_name_1L_chr,
   fn_type_1L_chr,
   import_chr,
   abbreviations_lup = NULL
)
```

Arguments

```
fn_tags_spine_ls
Function tags spine (a list)

new_tag_chr_ls New tag (a list of character vectors)

fn_name_1L_chr Function name (a character vector of length one)

fn_type_1L_chr Function type (a character vector of length one)

import_chr Import (a character vector)

abbreviations_lup

Abbreviations (a lookup table), Default: NULL
```

Value

Function documentation (a character vector of length one)

```
\label{local_problem} \begin{tabular}{ll} update find documentation with slots \\ \end{tabular}
```

Description

update_fn_dmt_with_slots() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update function documentation with slots. Function argument fn_name_1L_chr specifies the object to be updated. Argument fn_dmt_1L_chr provides the object to be updated. The function returns Function documentation (a character vector of length one).

Usage

```
update_fn_dmt_with_slots(fn_name_1L_chr, fn_dmt_1L_chr)
```

Arguments

```
fn_name_1L_chr Function name (a character vector of length one)
fn_dmt_1L_chr Function documentation (a character vector of length one)
```

Value

Function documentation (a character vector of length one)

42 write_abbr_lup

update_ns

Update namespace

Description

update_ns() is an Update function that edits an object, while preserving core object attributes. Specifically, this function implements an algorithm to update namespace. Function argument package_1L_chr specifies the object to be updated. The function returns Package name (a character vector).

Usage

```
update_ns(package_1L_chr)
```

Arguments

```
package_1L_chr Package (a character vector of length one)
```

Value

Package name (a character vector)

write_abbr_lup

Write abbreviation

Description

write_abbr_lup() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write abbreviation lookup table. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

```
write_abbr_lup(
    short_name_chr = NA_character_,
    long_name_chr = NA_character_,
    no_plural_chr = NA_character_,
    custom_plural_ls = NULL,
    overwrite_1L_lgl = T,
    seed_lup = NULL,
    url_1L_chr,
    pkg_nm_1L_chr = get_dev_pkg_nm()
)
```

Arguments

```
write_all_tbs_in_tbs_r4_to_csvs
```

Write all tibbles in tibbles readyforwhatsnext S4 to comma separated variables files

Description

write_all_tbs_in_tbs_r4_to_csvs() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write all tibbles in tibbles readyforwhatsnext s4 to comma separated variables files. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_all_tbs_in_tbs_r4_to_csvs(
  tbs_r4,
  r4_name_1L_chr,
  lup_dir_1L_chr,
  pfx_1L_chr
)
```

```
tbs_r4 Tibbles (a readyforwhatsnext S4)
r4_name_1L_chr Readyforwhatsnext S4 name (a character vector of length one)
lup_dir_1L_chr Lookup table directory (a character vector of length one)
pfx_1L_chr Prefix (a character vector of length one)
```

44 write_and_doc_ds

write_and_doc_ds

Write and document dataset

Description

write_and_doc_ds() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write and document dataset. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_and_doc_ds(
   db,
   overwrite_1L_lgl = T,
   db_1L_chr,
   title_1L_chr,
   desc_1L_chr,
   format_1L_chr = "A tibble",
   url_1L_chr = NA_character_,
   vars_ls = NULL,
   R_dir_1L_chr = "R",
   abbreviations_lup = NULL,
   object_type_lup = NULL
)
```

```
db
                  PARAM_DESCRIPTION
overwrite_1L_lgl
                  Overwrite (a logical vector of length one), Default: T
                  Database (a character vector of length one)
db_1L_chr
title_1L_chr
                  Title (a character vector of length one)
                  Description (a character vector of length one)
desc_1L_chr
                  Format (a character vector of length one), Default: 'A tibble'
format_1L_chr
url_1L_chr
                  Url (a character vector of length one), Default: 'NA'
vars_ls
                  Vars (a list), Default: NULL
R_dir_1L_chr
                  R directory (a character vector of length one), Default: 'R'
abbreviations_lup
                  Abbreviations (a lookup table), Default: NULL
object_type_lup
                  Object type (a lookup table), Default: NULL
```

write_and_doc_fn_fls 45

```
write_and_doc_fn_fls Write and document function files
```

Description

write_and_doc_fn_fls() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write and document function files. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_and_doc_fn_fls(
   fns_dmt_tb,
   r_dir_1L_chr = "R",
   path_to_pkg_rt_1L_chr = getwd(),
   path_to_user_dmt_dir_1L_chr = "../../../Documentation/Code/User",
   path_to_dvpr_dmt_dir_1L_chr = "../../../Documentation/Code/Developer",
   make_pdfs_1L_lgl = T,
   dev_pkgs_chr = NA_character_,
   update_pkgdown_1L_lgl = T
)
```

```
fns_dmt_tb
                  Functions documentation (a tibble)
r_dir_1L_chr
                  R directory (a character vector of length one), Default: 'R'
path_to_pkg_rt_1L_chr
                  Path to package root (a character vector of length one), Default: getwd()
path_to_user_dmt_dir_1L_chr
                  Path to user documentation directory (a character vector of length one), Default:
                  '../../Documentation/Code/User'
path_to_dvpr_dmt_dir_1L_chr
                  Path to developer documentation directory (a character vector of length one),
                  Default: '../../Documentation/Code/Developer'
make_pdfs_1L_lgl
                  Make pdfs (a logical vector of length one), Default: T
dev_pkgs_chr
                  Development packages (a character vector), Default: 'NA'
update_pkgdown_1L_lgl
                  Update pkgdown (a logical vector of length one), Default: T
```

Description

write_dmtd_fn_type_lup() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write documented function type lookup table. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_dmtd_fn_type_lup(
   fn_type_lup_tb = make_fn_type_lup(),
   overwrite_1L_lgl = T,
   pkg_nm_1L_chr = get_dev_pkg_nm(),
   url_1L_chr = url_1L_chr,
   abbreviations_lup = NULL
)
```

Arguments

```
fn_type_lup_tb Function type lookup table (a tibble), Default: make_fn_type_lup()

overwrite_1L_lgl

Overwrite (a logical vector of length one), Default: T

pkg_nm_1L_chr Package name (a character vector of length one), Default: get_dev_pkg_nm()

url_1L_chr Url (a character vector of length one), Default: url_1L_chr

abbreviations_lup

Abbreviations (a lookup table), Default: NULL
```

```
write_documented_fns Write documented functions
```

Description

write_documented_fns() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write documented functions. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_documented_fns(tmp_fn_dir_1L_chr, R_dir_1L_chr)
```

write_ds_dmt 47

Description

write_ds_dmt() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write dataset documentation. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_ds_dmt(
  db,
  db_1L_chr,
  title_1L_chr,
  desc_1L_chr,
  format_1L_chr = "A tibble",
  url_1L_chr = NA_character_,
  vars_ls = NULL,
  R_dir_1L_chr = "R",
  abbreviations_lup = NULL,
  object_type_lup = NULL
)
```

```
db
                  PARAM_DESCRIPTION
db_1L_chr
                  Database (a character vector of length one)
title_1L_chr
                  Title (a character vector of length one)
                  Description (a character vector of length one)
desc_1L_chr
                  Format (a character vector of length one), Default: 'A tibble'
format_1L_chr
                  Url (a character vector of length one), Default: 'NA'
url_1L_chr
vars_ls
                  Vars (a list), Default: NULL
R_dir_1L_chr
                  R directory (a character vector of length one), Default: 'R'
abbreviations_lup
                  Abbreviations (a lookup table), Default: NULL
object_type_lup
                  Object type (a lookup table), Default: NULL
```

48 write_fn_type_dirs

write_fn_fl

Write function file

Description

write_fn_fl() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write function file. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_fn_fl(fns_dmt_tb, r_dir_1L_chr = "R", document_unexp_lgl = T)
```

Arguments

fns_dmt_tb Functions documentation (a tibble)

r_dir_1L_chr R directory (a character vector of length one), Default: 'R'

document_unexp_1g1

Document unexported (a logical vector), Default: T

write_fn_type_dirs

Write function type directories

Description

write_fn_type_dirs() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write function type directories. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_fn_type_dirs(path_1L_chr = "data-raw")
```

Arguments

path_1L_chr Path (a character vector of length one), Default: 'data-raw'

write_from_tmp 49

write_from_tmp

Write from temporary

Description

write_from_tmp() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write from temporary. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_from_tmp(
  temp_path_1L_chr,
  dest_path_1L_chr,
  edit_fn = function(x) {      x },
  args_ls = NULL
)
```

Arguments

```
temp_path_1L_chr
Temp path (a character vector of length one)

dest_path_1L_chr
Dest path (a character vector of length one)

edit_fn
Edit (a function), Default: function(x) x

args_ls
Arguments (a list), Default: NULL
```

write_new_arg_sfxs

Write new argument sfxs

Description

write_new_arg_sfxs() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write new argument sfxs. The function returns Function arguments to rnm (a list).

```
write_new_arg_sfxs(
   arg_nms_chr,
   fn_type_1L_chr,
   dir_path_chr,
   rt_dev_dir_path_1L_chr = normalizePath("../../"),
   pkg_nm_1L_chr,
   inc_fns_idx_dbl = NA_real_
)
```

50 write_pkg

Arguments

Value

Function arguments to rnm (a list)

```
write_ns_imps_to_desc Write namespace imports to description
```

Description

write_ns_imps_to_desc() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write namespace imports to description. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_ns_imps_to_desc(dev_pkgs_chr = NA_character_, incr_ver_1L_lgl = T)
```

Arguments

```
dev_pkgs_chr Development packages (a character vector), Default: 'NA' incr_ver_1L_1g1

Incr ver (a logical vector of length one), Default: T
```

Write package

Description

write_pkg

write_pkg() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write package. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

```
write_pkg(package_1L_chr, R_dir_1L_chr = "R")
```

write_pkg_setup_fls 51

Arguments

```
package_1L_chrPackage (a character vector of length one)R_dir_1L_chrR directory (a character vector of length one), Default: 'R'
```

write_pkg_setup_fls Write package setup files

Description

write_pkg_setup_fls() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write package setup files. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_pkg_setup_fls(
  path_to_pkg_rt_1L_chr = getwd(),
  dev_pkg_nm_1L_chr = get_dev_pkg_nm(getwd()),
  incr_ver_1L_lgl = T,
  delete_contents_of_R_dir = F,
  copyright_holders_chr,
  use_travis_1L_lgl = T,
  path_to_pkg_logo_1L_chr = NA_character_,
  github_repo_1L_chr,
  lifecycle_stage_1L_chr = "experimental"
)
```

```
path_to_pkg_rt_1L_chr
                  Path to package root (a character vector of length one), Default: getwd()
dev_pkg_nm_1L_chr
                  Development\ package\ name\ (a\ character\ vector\ of\ length\ one),\ Default:\ get\_dev\_pkg\_nm(getwd())
incr_ver_1L_lgl
                  Incr ver (a logical vector of length one), Default: T
delete_contents_of_R_dir
                  PARAM_DESCRIPTION, Default: F
copyright_holders_chr
                  Copyright holders (a character vector)
use_travis_1L_lgl
                  Use travis (a logical vector of length one), Default: T
path_to_pkg_logo_1L_chr
                  Path to package logo (a character vector of length one), Default: 'NA'
github_repo_1L_chr
                  Github repo (a character vector of length one)
lifecycle_stage_1L_chr
                  Lifecycle stage (a character vector of length one), Default: 'experimental'
```

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write_pt_lup_db

Write prototype lookup table database

Description

write_pt_lup_db() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write prototype lookup table database. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_pt_lup_db(R_dir_1L_chr = "R")
```

Arguments

R_dir_1L_chr R directory (a character vector of length one), Default: 'R'

write_std_imp

Write standard import

Description

write_std_imp() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write standard import. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_std_imp(R_dir_1L_chr = "R")
```

Arguments

R_dir_1L_chr R directory (a character vector of length one), Default: 'R'

write_tb_to_csv 53

write_tb_to_csv

Write tibble to comma separated variables file

Description

write_tb_to_csv() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write tibble to comma separated variables file. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_tb_to_csv(
   tbs_r4,
   slot_nm_1L_chr,
   r4_name_1L_chr,
   lup_dir_1L_chr,
   pfx_1L_chr
)
```

Arguments

```
tbs_r4 Tibbles (a readyforwhatsnext S4)
slot_nm_1L_chr Slot name (a character vector of length one)
r4_name_1L_chr Readyforwhatsnext S4 name (a character vector of length one)
lup_dir_1L_chr Lookup table directory (a character vector of length one)
pfx_1L_chr Prefix (a character vector of length one)
```

```
write_to_remove_collate
```

Write to remove collate

Description

write_to_remove_collate() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write to remove collate. The function returns Description (a character vector).

Usage

```
write_to_remove_collate(description_chr)
```

Arguments

```
description_chr
```

Description (a character vector)

Value

Description (a character vector)

```
write_to_replace_fn_nms
```

Write to replace function names

Description

write_to_replace_fn_nms() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write to replace function names. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_to_replace_fn_nms(
    rename_tb,
    undocumented_fns_dir_chr = make_undmtd_fns_dir_chr(),
    rt_dev_dir_path_1L_chr = normalizePath("../../"),
    dev_pkg_nm_1L_chr = get_dev_pkg_nm()
)
```

Arguments

```
rename_tb Rename (a tibble)
undocumented_fns_dir_chr
Undocumented functions directory (a character vector), Default: make_undmtd_fns_dir_chr()
rt_dev_dir_path_1L_chr
Root development directory path (a character vector of length one), Default:
normalizePath("../../")
dev_pkg_nm_1L_chr
```

Development package name (a character vector of length one), Default: get_dev_pkg_nm()

Description

write_to_replace_sfx_pair() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write to replace suffix pair. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

```
write_to_replace_sfx_pair(
   args_nm_chr,
   sfxs_chr,
   replacements_chr,
   file_path_1L_chr = NA_character_,
   dir_path_1L_chr = NA_character_)
```

Arguments

```
args_nm_chr Arguments name (a character vector)

sfxs_chr Sfxs (a character vector)

replacements_chr
Replacements (a character vector)

file_path_1L_chr
File path (a character vector of length one), Default: 'NA'

dir_path_1L_chr
Directory path (a character vector of length one), Default: 'NA'
```

Description

write_to_reset_pkg_files() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write to reset package files. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_to_reset_pkg_files(
  delete_contents_of_1L_chr,
  package_1L_chr = get_dev_pkg_nm(getwd()),
  package_dir_1L_chr = getwd(),
  description_ls = NULL,
  keep_version_lgl = T
)
```

```
delete_contents_of_1L_chr
Delete contents of (a character vector of length one)

package_1L_chr Package (a character vector of length one), Default: get_dev_pkg_nm(getwd())

package_dir_1L_chr
Package directory (a character vector of length one), Default: getwd()

description_1s Description (a list), Default: NULL

keep_version_lg1

Keep version (a logical vector), Default: T
```

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```
write_to_rpl_1L_and_indefL_sfcs
```

Write to replace length one and indefinite length suffices

Description

write_to_rpl_1L_and_indefL_sfcs() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write to replace length one and indefinite length suffices. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_to_rpl_1L_and_indefL_sfcs(
  indefL_arg_nm_1L_chr,
  file_path_1L_chr = NA_character_,
  dir_path_1L_chr = NA_character_
)
```

Arguments

```
indefL_arg_nm_1L_chr
Indefinite length argument name (a character vector of length one)

file_path_1L_chr
File path (a character vector of length one), Default: 'NA'

dir_path_1L_chr
Directory path (a character vector of length one), Default: 'NA'
```

write_vignette

Write vignette

Description

write_vignette() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write vignette. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_vignette(package_1L_chr, pkg_rt_dir_chr = ".")
```

```
package_1L_chr Package (a character vector of length one)
pkg_rt_dir_chr Package root directory (a character vector), Default: '.'
```

write_ws 57

write_ws

Write workspace

Description

write_ws() is a Write function that writes a file to a specified local directory. Specifically, this function implements an algorithm to write workspace. The function is called for its side effects and does not return a value. WARNING: This function writes R scripts to your local environment. Make sure to only use if you want this behaviour

Usage

```
write_ws(path_1L_chr)
```

Arguments

path_1L_chr Path (a character vector of length one)

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