

Package ‘tidylog’

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Type Package

Title Logging for 'dplyr' and 'tidyr' Functions

Version 1.0.0

Description Provides feedback about 'dplyr' and 'tidyr' operations.

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Imports dplyr, tidyr, glue, clisymbols

Suggests testthat, covr

Encoding UTF-8

LazyData true

URL <https://github.com/elbersb/tidylog/>

BugReports <https://github.com/elbersb/tidylog/issues>

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NeedsCompilation no

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filter	<i>Wrapper around dplyr::filter and related functions that prints information about the operation</i>
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Description

Wrapper around dplyr::filter and related functions that prints information about the operation

Usage

```
filter(.data, ...)
```

```
filter_all(.data, ...)
```

```
filter_if(.data, ...)
```

```
filter_at(.data, ...)
```

```
distinct(.data, ...)
```

```
distinct_all(.data, ...)
```

```
distinct_if(.data, ...)
```

```
distinct_at(.data, ...)
```

```
top_n(.data, ...)
```

```
top_frac(.data, ...)
```

```
sample_n(.data, ...)
```

```
sample_frac(.data, ...)
```

```
slice(.data, ...)
```

```
drop_na(.data, ...)
```

Arguments

.data a tbl; see [filter](#)

... see [filter](#)

Value

see [filter](#)

Examples

```
filter(mtcars, mpg > 20)
#> filter: removed 18 rows (56%), 14 remaining
filter(mtcars, mpg > 100)
#> filter: removed all rows (100%)
```

group_by	<i>Wrapper around dplyr::group_by and related functions that prints information about the operation</i>
----------	---

Description

Wrapper around dplyr::group_by and related functions that prints information about the operation

Usage

```
group_by(.data, ...)
group_by_all(.data, ...)
group_by_if(.data, ...)
group_by_at(.data, ...)
ungroup(.data, ...)
```

Arguments

.data	a tbl; see group_by
...	see group_by

Value

see [group_by](#)

Examples

```
mtcars <- group_by(mtcars, am, cyl)
#> group_by: 2 grouping variables (am, cyl)
mtcars <- ungroup(mtcars)
#> ungroup: no grouping variables left
```

inner_join	<i>Wrapper around dplyr::inner_join and related functions that prints information about the operation</i>
------------	---

Description

Wrapper around dplyr::inner_join and related functions that prints information about the operation

Usage

```
inner_join(x, y, by = NULL, ...)
```

```
full_join(x, y, by = NULL, ...)
```

```
left_join(x, y, by = NULL, ...)
```

```
right_join(x, y, by = NULL, ...)
```

```
anti_join(x, y, by = NULL, ...)
```

```
semi_join(x, y, by = NULL, ...)
```

Arguments

x	a tbl; see inner_join
y	a tbl; see inner_join
by	a vector; see inner_join
...	see inner_join

Value

see [inner_join](#)

Examples

```
left_join(dplyr::band_members, dplyr::band_instruments, by = "name")
#> left_join: added one column (plays)
#>      > rows only in x      1
#>      > rows only in y    (1)
#>      > matched rows      2
#>      >                    ===
#>      > rows total        3
```

mutate	<i>Wrapper around dplyr::mutate and related functions that prints information about the operation</i>
--------	---

Description

Wrapper around dplyr::mutate and related functions that prints information about the operation

Usage

```
mutate(.data, ...)  
mutate_all(.data, ...)  
mutate_if(.data, ...)  
mutate_at(.data, ...)  
add_tally(.data, ...)  
add_count(.data, ...)  
replace_na(.data, ...)  
fill(.data, ...)
```

Arguments

<code>.data</code>	a tbl; see mutate
<code>...</code>	see mutate

Value

see [mutate](#)

Examples

```
mutate(mtcars, new_var = 1)  
#> mutate: new variable 'new_var' with one unique value and 0% NA  
mutate(mtcars, new_var = NA)
```

pivot_longer	<i>Wrapper around tidyr's pivot_longer/pivot_wider/spread/gather that prints information about the operation</i>
--------------	--

Description

Wrapper around tidyr's pivot_longer/pivot_wider/spread/gather that prints information about the operation

Usage

```
pivot_longer(.data, ...)
```

```
pivot_wider(.data, ...)
```

```
gather(.data, ...)
```

```
spread(.data, ...)
```

Arguments

.data	a tbl; see pivot_longer
...	see pivot_longer

Value

see [pivot_longer](#)

Examples

```
# create id
mtcars$id <- seq_len(nrow(mtcars))
pivot_longer(mtcars, -id, names_to = "var", values_to = "value")
#> pivot_longer: reorganized (mpg, cyl, disp, hp, drat, ...)
#>           into (var, value) [was 32x12, now 352x3]
```

rename	<i>Wrapper around dplyr::rename and related functions that prints information about the operation</i>
--------	---

Description

Wrapper around dplyr::rename and related functions that prints information about the operation

Usage

```
rename(.data, ...)  
  
rename_all(.data, ...)  
  
rename_if(.data, ...)  
  
rename_at(.data, ...)
```

Arguments

`.data` a tbl; see [rename](#)
`...` see [rename](#)

Value

see [rename](#)

Examples

```
rename(mtcars, MPG = mpg, WT = wt)  
#> rename: renamed 2 variables (MPG, WT)
```

select	<i>Wrapper around <code>dplyr::select</code> and related functions that prints information about the operation</i>
--------	--

Description

Wrapper around `dplyr::select` and related functions that prints information about the operation

Usage

```
select(.data, ...)  
  
select_all(.data, ...)  
  
select_if(.data, ...)  
  
select_at(.data, ...)
```

Arguments

`.data` a tbl; see [select](#)
`...` see [select](#)

Value

see [select](#)

Examples

```
select(mtcars, mpg, wt)
#> select: dropped 9 variables (cyl, disp, hp, drat, qsec, ...)
select(mtcars, dplyr::matches("a"))
#> select: dropped 7 variables (mpg, cyl, disp, hp, wt, ...)
```

summarize	<i>Wrapper around dplyr::summarize and related functions that prints information about the operation</i>
-----------	--

Description

Wrapper around dplyr::summarize and related functions that prints information about the operation

Usage

```
summarize(.data, ...)

summarize_all(.data, ...)

summarize_at(.data, ...)

summarize_if(.data, ...)

summarise(.data, ...)

summarise_all(.data, ...)

summarise_at(.data, ...)

summarise_if(.data, ...)

tally(.data, ...)

count(.data, ...)

uncount(.data, ...)
```

Arguments

.data	a tbl; see summarize
...	see summarize

Value

see [summarize](#)

Examples

```
summarize_all(mtcars, mean)
#> summarize_all: now one row and 11 columns, ungrouped
```

tidylog	<i>outputs some information about the data frame/tbl</i>
---------	--

Description

outputs some information about the data frame/tbl

Usage

```
tidylog(.data)
```

Arguments

.data a tbl/data frame

Value

same as .data

Examples

```
tidylog(mtcars)
#> tidylog: data.frame with 32 rows and 11 columns
```

transmute	<i>Wrapper around dplyr::transmute and related functions that prints information about the operation</i>
-----------	--

Description

Wrapper around dplyr::transmute and related functions that prints information about the operation

Usage

```
transmute(.data, ...)
```

```
transmute_all(.data, ...)
```

```
transmute_if(.data, ...)
```

```
transmute_at(.data, ...)
```

Arguments

`.data` a tbl; see [transmute](#)

`...` see [transmute](#)

Value

see [transmute](#)

Examples

```
transmute(mtcars, mpg = mpg * 2)
#> transmute: dropped 10 variables (cyl, disp, hp, drat, wt, ...)
#> transmute: changed 32 values (100%) of 'mpg' (0 new NA)
```

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