

Package ‘tidylog’

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Type Package

Title Logging for 'dplyr' Functions

Version 0.1.0

Description Provides feedback about basic 'dplyr' operations.

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Imports dplyr, glue

Suggests testthat, covr, lintr

Encoding UTF-8

LazyData true

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

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

RoxygenNote 6.1.1

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, ...)
```

Arguments

.data	a tbl; see filter
...	see filter

Value

see [filter](#)

Examples

```
filter(mtcars, mpg > 20)  
#> filter: removed 18 out of 32 rows (56%)  
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>
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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, ...)
```

Arguments

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

... see [group_by](#)

Value

see [group_by](#)

Examples

```
group_by(mtcars, am, cyl)
#> group_by: 2 grouping variables (am, cyl)
```

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, ...)  
  
full_join(x, ...)  
  
left_join(x, ...)  
  
right_join(x, ...)  
  
anti_join(x, ...)  
  
semi_join(x, ...)
```

Arguments

```
x          a tbl; see inner\_join  
...       see inner\_join
```

Value

see [inner_join](#)

Examples

```
left_join(dplyr::band_members, dplyr::band_instruments, by = "name")  
#> left_join: added 0 rows and added one column (plays)  
full_join(dplyr::band_members, dplyr::band_instruments, by = "name")  
#> full_join: added one row and added one column (plays)
```

mutate

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

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, ...)
```

Arguments

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

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, ...)
```

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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