Package 'MiscUtils'

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Title A Library for Setting Things Up

Version 0.1.3

Description From Packages, Parallel, Strings,...

Depends R (>= 3.5.0)

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Encoding UTF-8

LazyData true

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URL <https://github.com/Jadamso/MiscUtils>

RoxygenNote 6.0.1

Imports devtools,
roxygen2,
parallel,
doMC,
foreach

R topics documented:

Index   **10**

---

all_info   *Print any system information needed for replication*

Description

Print any system information needed for replication

Usage

```
all_info()
```

---

censor   *Censoring*

Description

Censoring

Usage

```
censor(x, a = 0)
```

Arguments

x	a numeric vector or matrix
a	censor value

---

dir.create.safe   *Create A New Directory*

Description

Create A New Directory

Usage

```
dir.create.safe(DIR)
```

Arguments

DIR	a directory

Value

nothing

Examples

```
dir.create.safe( "/tmp/Trial" )
```

---

fill_above	*Trim Whitespace from a String*

Description

Trim Whitespace from a String

Usage

```
fill_above(x, blank = is.na)
```

Arguments

x   a vector

blank   the blank value to be replaced by the row above

Value

a vector

Examples

```
fill_above( c("A", "C", "", "B") , blank="")
```

---

is.even	*Indicating Even or Odd*

Description

Indicating Even or Odd

Usage

```
is.even(x)

even(x)

is.odd(x)

odd(x)
```

Arguments

x

Value

which elements are even

---

list_nas   *Which list elements are NA*

Description

Which list elements are NA

Usage

```
list_nas(LIST)
```

Arguments

LIST   list

Value

vector indicating which elements are not na

---

mc_setup   *Parallel Setup*

Description

Parallel Setup

Usage

```
mc_setup(cores = NA)
```

Arguments

cores   number of cores to use

Value

cores

package.setup.safe   *Create A New R Package*

Description

Create A New R Package

Usage

```
package.setup.safe(DIR, my_description = getOption("devtools.desc"),
  rstudio = FALSE, check = FALSE, rm = FALSE)
```

Arguments

DIR   a directory

Value

nothing

Examples

```
dir.create.safe( "/tmp/Trial" )
```

pack_up   *Upload Package*

Description

Upload Package

Usage

```
pack_up(pdir)
```

Arguments

pdir   a directory

Value

Nothing

---

range0   *Returns Floor and Ceilings*

Description

Returns Floor and Ceilings

Usage

```
range0(x, e = 1)

floor0(x, e = 1)

ceiling0(x, e = 1)

seq0(x, e = 1, ...)
```

Arguments

x	a numeric vector
e	decimal place to round to

See Also

range0 ceiling00

range0 ceiling00

---

rmall   *remove all objects*

Description

remove all objects

Usage

```
rmall(ENVIR = globalenv(), LIST = ls(envir = ENVIR), EXCEPT = NULL)
```

Arguments

ENVIR	environmnet to remove from
LIST	strings to remove
EXCEPT	vector of strings for any exceptions to keep

Value

nothing

---

round00 *Returns Floor and Ceilings*

Description

Returns Floor and Ceilings

Usage

```
round00(x, e = 0.25, ...)

ceiling00(x, e = 0.25)

floor00(x, e = 0.25)
```

Arguments

x	a numeric vector
e	decimal rounding (.25) means nearest quarters

See Also

round00 ceiling0

round00 floor0

---

 trim *Trim Whitespace from a String*

Description

Trim Whitespace from a String

Usage

```
trim(x, r = "\\s", s = "", strip = "all")
```

Arguments

x	A character string
s, r	alternative replacement character
strip	the whitespace to be removed: 'trailing', 'leading', or 'all'

Examples

```
trim( " AA   ")
```

---

trim.all	*returns string without leading or trailing whitespace*

Description

returns string without leading or trailing whitespace

Usage

```
trim.all(x, r = "\\s", s = "")
```

Arguments

x	A character string
s, r	alternative replacement character

---

trim.leading	*returns string without leading whitespace*

Description

returns string without leading whitespace

Usage

```
trim.leading(x, r = "\\s", s = "")
```

Arguments

x	A character string
s, r	alternative replacement character

---

trim.trailing	*returns string without trailing whitespace*

Description

returns string without trailing whitespace

Usage

```
trim.trailing(x, r = "\\s", s = "")
```

Arguments

x	A character string
s, r	alternative replacement character

---

wideScreen   *Format Terminal Viewing Screen*

Description

Format Terminal Viewing Screen

Usage

```
wideScreen(howWide = Sys.getenv("COLUMNS"), howTall = Sys.getenv("LINES"),
  tt = FALSE)
```

Arguments

```
howWide, howTall
```
                number of terminal columns and rows

Index