

# Package ‘MiscUtils’

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**Title** A Library for Setting Things Up

**Version** 0.1.4

**Description** From Packages, Parallel, Strings,...

**Depends** R (>= 3.5.0)

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

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

**RoxygenNote** 6.1.0

**Imports** devtools,  
roxygen2,  
parallel,  
doMC,  
foreach

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all_info	<i>Print any system information needed for replication</i>
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**Description**

Print any system information needed for replication

**Usage**

all\_info()

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censor	<i>Censoring</i>
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**Description**

Censoring

**Usage**

censor(x, a = 0)

**Arguments**

- |   |                            |
|---|----------------------------|
| x | a numeric vector or matrix |
| a | censor value               |

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dir.create.safe	<i>Create A New Directory</i>
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**Description**

Create A New Directory

**Usage**

dir.create.safe(DIR)

**Arguments**

- |     |             |
|-----|-------------|
| DIR | a directory |
|-----|-------------|

**Value**

nothing

**Examples**

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

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fill_above	<i>Trim Whitespace from a String</i>
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**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="")
```

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is.even	<i>Indicating Even or Odd</i>
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---

**Description**

Indicating Even or Odd

**Usage**

```
is.even(x)
```

```
even(x)
```

```
is.odd(x)
```

```
odd(x)
```

**Arguments**

x

**Value**

which elements are even

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list_nas	<i>Which list elements are NA</i>
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**Description**

Which list elements are NA

**Usage**

list\_nas(LIST)

**Arguments**

LIST                      list

**Value**

vector indicating which elements are not na

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mc_setup	<i>Parallel Setup</i>
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**Description**

Parallel Setup

**Usage**

mc\_setup(cores = NA)

**Arguments**

cores                      number of cores to use

**Value**

cores

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`mypal`*My Color Palette*

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**Description**

My Color Palette

**Usage**

```
mypal(n)
```

**Arguments**

`n` integer number of colors

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

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**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" )
```

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pack_up	<i>Upload Package</i>
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**Description**

Upload Package

**Usage**

```
pack_up(pdir)
```

**Arguments**

pdir	a directory
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**Value**

Nothing

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range0	<i>Returns Floor and Ceilings</i>
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**Description**

Returns Floor and Ceilings

**Usage**

```
range0(x, e = 1, keepna = T)
```

```
floor0(x, e = 1)
```

```
ceiling0(x, e = 1)
```

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

**Arguments**

x	a numeric vector
e	decimal place to round to
keepna	logical keep NA values

**See Also**

range0 ceiling00

range0 ceiling00

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rmall	<i>remove all objects</i>
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**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	<i>Returns Floor and Ceilings</i>
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**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

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trim	<i>Trim Whitespace from a String</i>
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**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  ")
```

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trim.all	<i>returns string without leading or trailing whitespace</i>
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**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



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trim.leading	returns string without leading whitespace
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---

**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
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**Description**

returns string without trailing whitespace

**Usage**

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

**Arguments**

x	A character string
s, r	alternative replacement character

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wideScreen	<i>Format Terminal Viewing Screen</i>
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**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
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