

# Package ‘MiscUtils’

May 21, 2018

**Title** A Library for Setting Things Up

**Version** 0.1.3

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

**Depends** R (>= 3.5.0)

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

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**Published** 2018-05-21

**Date** 2018-05-21

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

**RoxygenNote** 6.0.1

**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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sensor	<i>Censoring</i>
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**Description**

Censoring

**Usage**

sensor(x, a = 0)

**Arguments**

- |   |                            |
|---|----------------------------|
| x | a numeric vector or matrix |
| a | sensor 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

---

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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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	Upload Package
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**Description**

Upload Package

**Usage**

```
pack_up(pdir)
```

**Arguments**

pdir                    a directory

**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)
```

```
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

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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, s = "", strip = "all")
```

**Arguments**

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

**Value**

A character string

**Examples**

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

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

returns string without leading or trailing whitespace

**Usage**

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

**Arguments**

x	A character string
---	--------------------

---

trim.leading	returns string without leading whitespace
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**Description**

returns string without leading whitespace

**Usage**

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

**Arguments**

x	A character string
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trim.trailing	returns string without trailing whitespace
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**Description**

returns string without trailing whitespace

**Usage**

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

**Arguments**

x	A character string
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wideScreen*Format Terminal Viewing Screen*

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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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