

Package ‘muUtil’

April 17, 2009

Type Package

Title muStat Utility Functions

Version 1.5.0

Date 2008-02-07

Author Knut M. Wittkowski <kmw@rockefeller.edu>, Tingting Song <ttsong@gmail.com>

Maintainer Tingting Song <ttsong@gmail.com>

Depends R (>= 2.6.0), muS2RC, stats

Description This package contains a collection of utility functions for package muStat.

License GPL (>= 2)

URL <http://mustat.rockefeller.edu>

Repository CRAN

Date/Publication 2008-02-08 22:07:42

R topics documented:

muUtil-package	2
endfunction	2
len	3
NoOp	4
NoWarn	5
RCRng	5
ULPrint	6
Index	7

muUtil-package *muStat Utility Functions*

Description

This package contains a collection of utility functions for package muStat.

For a complete list, use `library(help="muUtil")`.

Details

Package: muUtil
Type: Package
Version: 1.5.0
Date: 2008-02-07
License: GPL (>= 2)

Author(s)

Knut M. Wittkowski (kmw@rockefeller.edu), Tingting Song (ttsong@gmail.com)

Maintainer: Tingting Song (ttsong@gmail.com)

See Also

[muStat](#), [muS2RC](#)

Examples

```
x <- 5
NoOp(x)
# [1] 5

len(c(1:20))
# [1] 20
```

endfunction *End a Function*

Description

endfunction will return an invisible NULL, which could mark the end of a function.

Usage

```
endfunction(text)
```

Arguments

text any input

Value

Always returns NULL, which will not be printed.

Author(s)

Knut M. Wittkowski (kmw@rockefeller.edu)

See Also

[invisible](#)

Examples

```
endfunction(f)
```

len

Length of an Object

Description

Get the length of vectors (including lists) and factors, and of any other object for which a method has been defined.

Usage

```
len(...)
```

Arguments

... object

Details

len() cannot reset the length of a vector, while length() could.

Value

For vectors (including lists) and factors the length is the number of elements. For an environment it is the number of objects in the environment, and NULL has length 0. For expressions and pairlists (including language objects and dotlists) it is the length of the pairlist chain. All other objects (including functions) have length one: note that for functions this differs from S.

Author(s)

Knut M. Wittkowski (kmw@rockefeller.edu)

Examples

```
len(c(1:20))
```

NoOp

No Operation

Description

NoOp does nothing to the input.

Usage

```
NoOp(x)
```

Arguments

x input

Value

x is returned.

Author(s)

Knut M. Wittkowski (kmw@rockefeller.edu)

Examples

```
x <- 5  
NoOp(x)  
# [1] 5
```

`NoWarn`*Suppress Warnings*

Description

NoWarn executes `x` and temporarily disables the display of warnings.

Usage

```
NoWarn(x)
```

Arguments

`x` input

Value

`invisible(NULL)`

Author(s)

Knut M. Wittkowski (kmw@rockefeller.edu)

Examples

```
NoWarn(0)
```

`RCRng`*Data Extract*

Description

Returns first and last elements of a data object.

Usage

```
RCRng(n)
```

Arguments

`n` data object

Value

An vector which contains first and last values of `x`.

Author(s)

Knut M. Wittkowski (kmw@rockefeller.edu)

ULPrint

Print Data

Description

...

Usage

```
ULPrint(aData, nRows=10, nCols=10, Title="")
```

Arguments

aData

nRows

nCols

Title

Author(s)

Knut M. Wittkowski (kmw@rockefeller.edu)

Index

*Topic **package**

muUtil-package, 1

*Topic **utilities**

endfunction, 2

len, 3

NoOp, 4

NoWarn, 4

RCRng, 5

ULPrint, 5

endfunction, 2

invisible, 3

len, 3

muS2RC, 2

muStat, 2

muUtil (*muUtil-package*), 1

muUtil-package, 1

NoOp, 4

NoWarn, 4

RCRng, 5

ULPrint, 5