

Package ‘Datetools’

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Type Package

Title Utilities for Manipulating Dates

Version 0.1-3

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Author Enrico Schumann

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Description Convenience functions to handle vectors of class 'Date'.

This package will no longer be updated.

All functionality (and more) is available in package

'datetimetools', which is available from

<http://enricoschumann.net/R/packages/datetimetools/index.htm> .

Suggests RUnit

License GPL-3

NeedsCompilation no

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Datetools-package *Manipulating Dates*

Description

Several convenience functions to manipulate vectors of class [Date](#).

Details

The aim is not to simplify or enhance the existing time-and-date classes in R. All the package offers are a number of functions that expect vectors of class Date, and return vectors of class Date. There are no replacement functions.

Author(s)

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setDayOfMonth

Manipulating Dates

Description

Several convenience functions to manipulate vectors of class Date. The aim is not to simplify or enhance the existing time-and-date classes in R. All the package offers are a number of functions that expect vectors of class Date, and return vectors of class Date. There are no replacement functions.

Usage

```
setDayOfMonth(x, day)
getEndOfMonth(x)
getEndOfPreviousMonth(x)
getFirstOfMonth(x)
isWeekend(x)
getNextBusinessDay(x)
getPreviousBusinessDay(x)
```

Arguments

x	a vector of class Date
day	an integer giving the day

Details

To be added.

Value

All functions return a vector of class Date.

Author(s)

Enrico Schumann

References

Ripley, B.D. and Hornik, K. (2001) Date-Time Classes. *R News* **1** (2), pp. 8–11, http://CRAN.R-project.org/doc/Rnews/Rnews_2001-2.pdf

See Also

[Dates](#), [DateTimeClasses](#)

Examples

```
x <- as.Date(c("2000-02-01", "2000-02-29", "2000-12-31"))
getEndOfMonth(x)
getFirstOfMonth(x)
setDayOfMonth(x, 5)
getEndOfPreviousMonth(x)
isWeekend(x)
```

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