

Package ‘SASdates’

July 21, 2025

Type Package

Title Convert the Dates to 'SAS' Formats

Version 0.1.0

Description Converts the dates to different 'SAS' date formats. In 'SAS' dates are a special case of numeric values. Each day is assigned a specific numeric value, starting from January 1, 1960. This date is assigned the date value 0, and the next date has a date value of 1 and so on. The previous days to this date are represented by -1 , -2 and so on. With this approach, 'SAS' can represent any date in the future or any date in the past. There are many date formats used in 'SAS' to represent date-time. Here, we try to develop functions which will convert the date to different 'SAS' date formats.

License MIT + file LICENSE

Language en-US

Encoding UTF-8

RoxygenNote 7.2.1

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

Author Mahesh Divakaran [aut, cre]

Maintainer Mahesh Divakaran <imaheshdivakaran@gmail.com>

Repository CRAN

Date/Publication 2022-11-09 10:30:17 UTC

Contents

date11	2
date9	2
ddmmyy10	3
ddmmyy8	3
iso8601da	4
iso8601dt	4
num_date	5

Index	6
--------------	----------

date11 *Convert date to Date11. format*

Description

Convert date to Date11. format

Usage

```
date11(date, informat)
```

Arguments

date	Input date
informat	Input date format

Value

Date to Date11. format

Examples

```
date11(date = "19-10-1994",informat = "%d-%m-%Y")
```

date9 *Convert date to Date9. format*

Description

Convert date to Date9. format

Usage

```
date9(date, informat)
```

Arguments

date	Input date
informat	Input date format

Value

Date to Date9. format\

Examples

```
date9(date = "19-10-1994",informat = "%d-%m-%Y")
```

ddmmyy10 *Convert date to ddmmyy10. format*

Description

Convert date to ddmmyy10. format

Usage

```
ddmmyy10(date, informat)
```

Arguments

date	Input date
informat	Input date format

Value

Date to ddmmyy10. format

Examples

```
ddmmyy10(date = "19-10-1994",informat = "%d-%m-%Y")
```

ddmmyy8 *Convert date to ddmmyy10. format*

Description

Convert date to ddmmyy10. format

Usage

```
ddmmyy8(date, informat)
```

Arguments

date	Input date
informat	Input date format

Value

Date to ddmmyy10. format

Examples

```
ddmmyy8(date = "19-10-1994",informat = "%d-%m-%Y")
```

iso8601da *Convert date to ISO8601 format*

Description

Convert date to ISO8601 format

Usage

```
iso8601da(date, informat)
```

Arguments

date	Input date
informat	Input date format

Value

Date to ISO8601da. format

Examples

```
iso8601da(date = "19-10-1994",informat = "%d-%m-%Y")
```

iso8601dt *Convert date and time to ISO8601 format*

Description

Convert date and time to ISO8601 format

Usage

```
iso8601dt(date, time, informat)
```

Arguments

date	Input date
time	Input time
informat	Input date format

Value

Date and time in ISO8601 format

Examples

```
iso8601dt(date = "19-10-1994",time = "10:10",informat = "%Y-%m-%d %H:%M")
```

num_date	<i>Convert SAS Numeric date values to Date</i>
----------	--

Description

Convert SAS Numeric date values to Date

Usage

num_date(date)

Arguments

date numeric date

Value

SAS date

Examples

num_date(20562)

Index

date11, [2](#)

date9, [2](#)

ddmmyy10, [3](#)

ddmmyy8, [3](#)

iso8601da, [4](#)

iso8601dt, [4](#)

num_date, [5](#)