

# Package ‘toOrdinal’

February 24, 2022

**Version** 1.3-0.0

**Date** 2022-2-18

**Title** Cardinal to Ordinal Number & Date Conversion

**Description** Language specific cardinal to ordinal number conversion.

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**Depends** R (>= 3.3)

**Suggests** knitr, rmarkdown

**Imports** crayon, testthat

**URL** <https://centerforassessment.github.io/toOrdinal/>,  
<https://github.com/centerforassessment/toOrdinal/>,  
<https://cran.r-project.org/package=toOrdinal>

**BugReports** <https://github.com/centerforassessment/toOrdinal/issues/>

**VignetteBuilder** knitr

**LazyLoad** Yes

**ByteCompile** TRUE

**License** GPL-3

**NeedsCompilation** no

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**Repository** CRAN

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toOrdinal-package      *Cardinal to Ordinal Number Conversion*

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### Description

Language specific cardinal to ordinal number conversion.

### Details

Package:	toOrdinal
Type:	Package
Version:	1.3-0.0
Date:	2022-2-18
License:	GPL-3
LazyLoad:	yes

### Author(s)

Damian W. Betebenner <DBetebenner@nciea.org>

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toOrdinal      *Cardinal to ordinal number conversion function*

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### Description

Function for converting cardinal to ordinal numbers by adding a language specific ordinal indicator ([http://en.wikipedia.org/wiki/Ordinal\\_indicator](http://en.wikipedia.org/wiki/Ordinal_indicator)) to the number.

### Usage

```
toOrdinal(
  cardinal_number,
  language="English",
  convert_to="ordinal_number")
```

### Arguments

cardinal_number	Positive integer (cardinal number) to be converted to an ordinal number. For example 1 becomes 1st, 2 becomes 2nd, ...
language	OPTIONAL. Language (defaults to English) indicating what language rules to use in conversion to ordinal number.

convert\_to      OPTIONAL. Output type that provided 'cardinal\_number' is converted into. Default is 'ordinal\_number' which refers to the 'cardinal\_number' followed by the appropriate ordinal indicator. Additional options planned include 'ordinal\_word'.

### Details

Typical use of the function is to submit a positive integer for conversion to an ordinal number in the language specified. See examples.

### Value

Function returns the ordinal number or ordinal word (as a character string).

### Author(s)

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### Examples

```
toOrdinal(1) ## 1st
toOrdinal(1, language="French") ## 1re

toOrdinal(1:20) ## 1st, 2nd, 3rd, ...
toOrdinal(1:25, language="French") ## 1re, 2e, 3e, ...
```

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toOrdinalDate	<i>Convert date to ordinal calendar date</i>
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### Description

Function for converting a calendar date to it long, ordinal version.

### Usage

```
toOrdinalDate(
  date=NULL,
  language="English")
```

### Arguments

date            Either NULL (the default which uses the current date returned via Sys.date()) or a character string of the form YYYY-MM-DD.

language        OPTIONAL. Language (defaults to English) indicating what language rules to use in conversion to ordinal number.

**Details**

Typical use of the function is to call the function with any argument to get the current date in long, ordinal form. See examples.

**Value**

Function returns the character string with the long, ordinal calendar date.

**Author(s)**

Damian W. Betebenner <dbetebenner@nciea.org>

**Examples**

```
toOrdinalDate()  
toOrdinalDate("2017-10-9") ## October 9th, 2017  
toOrdinalDate("2017-10-09") ## October 9th, 2017  
toOrdinalDate(c("2022-11-21", "2019-1-3", "1976-2-2", "1965-2-18"))  
## "November 21st, 2022" "January 3rd, 2019" "February 2nd, 1976" "February 18th, 1965"
```

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