

# Package ‘toOrdinal’

February 24, 2019

**Version** 1.1-0.0

**Date** 2019-2-22

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

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

**Maintainer** Damian W. Betebenner <dbetebenner@nciea.org>

**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

**Author** Damian W. Betebenner [aut, cre],  
Andrew Martin [ctb],  
Jeff Erickson [ctb]

**Repository** CRAN

**Date/Publication** 2019-02-24 18:00:02 UTC

## R topics documented:

toOrdinal-package . . . . .	2
toOrdinal . . . . .	2
toOrdinalDate . . . . .	3

<b>Index</b>	<b>5</b>
--------------	----------

---

toOrdinal-package	<i>Cardinal to Ordinal Number Conversion</i>
-------------------	--

---

### Description

Language specific cardinal to ordinal number conversion.

### Details

Package:	toOrdinal
Type:	Package
Version:	1.1-0.0
Date:	2019-2-22
License:	GPL-3
LazyLoad:	yes

### Author(s)

Damian W. Betebenner <DBetebenner@nciea.org>

---

toOrdinal	<i>Cardinal to ordinal number conversion function</i>
-----------	---

---

### 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)

Damian W. Betebenner <dbetebenner@nciea.org>

### Examples

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

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

---

toOrdinalDate	<i>Convert date to ordinal calendar date</i>
---------------	--

---

### 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
```

# Index

\*Topic **misc**

toOrdinal, [2](#)

toOrdinalDate, [3](#)

\*Topic **models**

toOrdinal, [2](#)

toOrdinalDate, [3](#)

\*Topic **package**

toOrdinal-package, [2](#)

toOrdinal, [2](#)

toOrdinal-package, [2](#)

toOrdinalDate, [3](#)