

Package ‘arabic2kansuji’

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Type Package

Title Convert Arabic Numerals to Kansuji

Version 0.1.3

Description Simple functions to convert given Arabic numerals to Kansuji
numerical figures that represent numbers written in Chinese characters.

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URL <https://github.com/indenkun/arabic2kansuji>

BugReports <https://github.com/indenkun/arabic2kansuji/issues>

Encoding UTF-8

RoxygenNote 7.2.1

Imports purrr, stringr, stats

Language en-US

NeedsCompilation no

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Repository CRAN

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Description

Converts a given Arabic numerals to Kansuji numerical figures that written in Chinese characters (in other words, Chinese numeral). `arabic2kansuji()` function can also convert Arabic numerals in the string to kansuji. `arabic2kansuji_num()` function can convert a vector of only one Arabic numerals to Kansuji. Use `arabic2kansuji_all()` can calculate and convert Arabic numerals to Kansuji while retaining the original non-Arabic numeral string.

Usage

```
arabic2kansuji(str, zero = c("rei", "zero"), width = c("half", "full", "all"))
```

```
arabic2kansuji_num(
  num,
  add.one_thousand = TRUE,
  add.one_thousand.all = FALSE,
  ...
)
```

```
arabic2kansuji_all(
  str,
  widths = c("half", "all"),
  add.one_thousand = TRUE,
  add.one_thousand.all = FALSE,
  ...
)
```

Arguments

<code>str</code>	Input vector.
<code>zero</code>	Selects whether 0 should be zero like o ("rei") or zero like have rain crown ("zero") when Arabic numerals are converted to kansuji.
<code>width</code>	Selects whether you want to convert Arabic numbers, only half-width numbers ("half") or only full-width numbers ("full") or both half-width and full-width numbers ("all") when converting Arabic numbers to kansuji.
<code>num</code>	Input only number. Accept more than one number.
<code>add.one_thousand</code>	a logical whether or not 1 should be displayed as a Kansuji numeral when the thousandth digit is 1.
<code>add.one_thousand.all</code>	Specifies whether or not to display the Kansuji numeral 1 when the number is 1,000. This is valid only when <code>add.one_thousand</code> is TRUE.

...	Other arguments to carry over to 'arabic2kansuji()'.
widths	Selects whether you want to convert Arabic numbers, only half-width numbers ("half") or both half-width and full-width numbers ("all") when converting Arabic numbers to Kansuji.

Value

a character.

Examples

```
arabic2kansuji(2020)
arabic2kansuji(2020, zero = "zero")
arabic2kansuji(c(2019, 2020, 2021))
arabic2kansuji_num(2020)
arabic2kansuji_num((c(2019, 2020, 2021)))
arabic2kansuji_all("This year is 2020, next year is 2021.")
```

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