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.
License MIT + file LICENSE
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BugReports https://github.com/indenkun/arabic2kansuji/issues
Encoding UTF-8
RoxygenNote 7.2.1
Imports purrr, stringr, stats
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Convert Arabic numerals to Kansuji

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

str  
Input vector.

zero  
Selects whether 0 should be zero like 0 ("rei") or zero like have rain crown ("zero") when Arabic numerals are converted to kansuji.

width  
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.

num  
Input only number. Accept more than one number.

add.one_thousand  
a logical whether or not 1 should be displayed as a Kansuji numeral when the thousandth digit is 1.

add.one_thousand.all  
Specifies whether or not to display the Kansuji numeral 1 when the number is 1,000. This is valid only when add.one_thousand 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(c(2019, 2020, 2021)))
arabic2kansuji_all("This year is 2020, next year is 2021.")
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