Package ‘rebus.numbers’

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Title         Numeric Extensions for the 'rebus' Package
Version       0.0-1
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Description   Build regular expressions piece by piece using human readable code.
               This package contains number-related functionality, and is primarily intended
               to be used by package developers.
Depends       R (>= 3.1.0)
Imports       rebus.base, utils
Suggests      testthat
License       Unlimited
LazyLoad      yes
LazyData      yes
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NeedsCompilation no
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number_range GENERATE A REGULAR EXPRESSION FOR A NUMBER RANGE.

Description

Generates a regular expression that matches a sequence of numbers.

Usage

number_range(lo, hi, allow_leading_zeroes = FALSE, capture = FALSE)

Arguments

lo An integer.
hi An integer greater than or equal to lo.
allow_leading_zeroes
A logical value. Are leading zeroes allowed to bulk the match up to the length of the number with the most digits?
capture A logical value. See or for details.

Value

A character vector representing part or all of a regular expression.

Examples

number_range(0, 255)
number_range(0, 255, allow_leading_zeroes = TRUE)
number_range(10000, 19999)
number_range(6, 54321)
number_range(-77, 77)
number_range(-77, 77, capture = TRUE)
number_range(-77, 77, capture = NA)

roman ROMAN NUMERALS

Description

Match roman numerals.

Usage

ROMAN

roman(lo, hi)
Arguments

lo  A non-negative integer. Minimum number of repeats, when grouped.
hi  positive integer. Maximum number of repeats, when grouped.

Format

An object of class regex (inherits from character) of length 1.

See Also

as.roman

Examples

# Constant form and character class
ROMAN
roman()

x <- c("MMMDCCCXLVIII", "MMMCMDCCLXIV")
rx <- rebus.base::exactly(roman())
grepl(rx, x)
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