

SYNTAX

text[braces] and (more) text[braces]	text outside [] matches itself
[op1:param op2 op3.. matcher matcher..] or [matchers1 matchers2 ..]	braces contain 0+ ops then matchers, or -separated matchers (matches one of ...)
['text' #tab ["more text" ""] #b=[#digits ' bottles of beer on the wall.. '] #b #b #b #b #b]	Matchers can be 'text', #macros, [braces], or macro definitions

ANCHORS

[#start_line] [#s] [#end_line] [#e]	Start/end of line (multiline mode) or string
[#start_string] [#ss] [#end_string] [#es]	Start/end of string
[#word_boundary] [#wb] [not #word_boundary]	(Not) start/end of word (defined as [1+ #token_char])

CHARACTERS AND WORDS

[#any] [#a]	Any character (multiline mode) / except newline
[#space] [#s]	Space, tab, line break, etc'
[#digit] [#d]	One digit (0-9)
[#letter] [#l] [#uppercase] [#uc] [#lowercase] [#lc]	One letter / only uppercase / only lowercase
[#token_char] [#tc]	One letter or digit or underscore (_)
[not #space][n #s] [not #digit] ... [not [#uc #d '.']]	Any character but ...
[#digits] [#ds] [#letters] [#ls]	One or more of ...
[#token] [#tc]	1+ letters/digits/underscores, can't start with digit
[#integer] [#int]	..., -1, 0, 1..10, 11, ...
[#decimal]	0.0, 1.5, -20.536, ...

[#float]	0, +1., -.5, 1.2, 3e6
[#a..f] [#3..7] [#-128..127]	Any character / number between ...
[#newline] [#nl]	Newline (cf. #nc #cr #crlf)
[#tab] [#t]	Tab character

QUANTIFIERS

[0+ #digit] [1-7 not #space] [3 [3 ['X' '0' '.'] #newline]]	Repeats the matcher(s) n or more / between n and m times
[1+:fewest [not '!']]! [1+:f [n '!']]!	Choose shortest repetition that matches pattern (default is longest)
[comment "hello"] [0 #experiment]	Everything in the braces is ignored

GROUPS

[capture 0+ #letter] [c [#letters #int]]	Capture the matched text
My name is [c:name #letters]	Named capture
[c 1+ #d] [c 1+ #l] [repeat:2]]	Matches exact repetition of 2nd captured group
Name: [c:name #ls] [#nl]Hi, [repeat:name]!	Matches exact repetition of named captured group

ASSERTIONS

[lookahead 5+ #l] [c:first_letter #l] [la 7 #d][c #d]	Matches only if the next characters will match expression but does not consume them
[lookbehind #nl]1) [lb "Loves me "][c ["too" "not"]]	Matches only if the last characters matched expression, must be constant length
[not lookahead 0+ #any "failed"] [not lookbehind #d] [n la ...][n lb ...]	Matches <i>unless</i> next/last characters match expression