

Summary of Regular Expression Patterns

Atoms

Plain symbol: ...

Escape: \

Grouping operators: ()

Backreference: \#, \##

Character class: []

Digit character class: \d

Non-digit character class: \D

Alphanumeric char class: \w

Non-alphanum char class: \W

Whitespace char class: \s

Non-whitespace char class: \S

Wildcard character: .

Beginning of line: ^

Beginning of string: \A

End of line: \$

End of string: \Z

Word boundary: \b

Non-word boundary: \B

Alternation operator: |

Constants

re.IGNORECASE re.I

re.LOCALE re.L

re.MULTILINE re.M

re.DOTALL re.S

re.UNICODE re.U

re.VERBOSE re.X

Quantifiers

Universal quantifier: *

Non-greedy universal quantifier: *?

Existential quantifier: +

Non-greedy existential quantifier: +?

Potentiality quantifier: ?

Non-greedy potentiality quantifier: ??

Exact numeric quantifier: {num}

Lower-bound quantifier: {min, }

Bounded numeric quantifier: {min, max}

Non-greedy bounded quantifier: {min, max}?

Group-Like Patterns

Pattern modifiers: (?Limsux)

Comments: (?#...)

Non-backreferenced atom: (?:...)

Positive Lookahead assertion: (?=...)

Negative Lookahead assertion: (?!...)

Positive Lookbehind assertion: (?<=...)

Negative Lookbehind assertion: (?<!...)

Named group identifier: (?P<name>)

Named group backreference: (?P=name)