

REGEX CHEAT SHEET

The most commonly used metacharacters in Python, PHP, Perl, JavaScript, and Ruby regular expressions

Metacharacters	Meaning
\n	Newline
[...]	Range or <i>character class</i>
[^...]	Not in range or <i>negated character class</i>
.	(<i>dot</i> or <i>point</i>) Any character except newline
\w	Word character [a-zA-Z0-9_]
\W	Nonword character [^a-zA-Z0-9_]
\d	Digit character [0-9]
\D	Nondigit character [^0-9]
\s	Whitespace character [\n\r\t]
\S	Nonwhitespace character [^\n\r\t]
^	(<i>caret</i>) The start of the line of text
\$	(<i>dollar</i>) The end of the line of text
\b	Word boundary
\B	Not-word-boundary
i	Case-insensitive matching
m	^ and \$ match next to embedded \n
(...)	Group subpattern and capture submatch into \1, \2, ..
\n	Contains the result of nth earlier submatch from a parentheses capture group, or a named capture group
*	(<i>asterisk</i> or <i>star</i>) Match 0 or more times
+	(<i>plus</i>) Match 1 or more times
?	(<i>question mark</i>) Match 1 or 0 times
{n}	Match exactly n times