

Regular Expressions: Cheat Sheet

Special Characters

.	any single character
^	start of string
\$	end of string
\n	new line
\r	carriage return
\t	tab

Quantifiers

*	0 or more of the preceding character\expression
+	1 or more of the preceding character\expression
?	0 or 1 of the preceding character\expression
{n}	n copies of the preceding character\expression
{n,m}	n to m copies of the preceding character\expression

Sets

[0-9]	all numeric characters
[a-z]	all lowercase alphabetic characters
[A-Z]	all uppercase alphabetic characters
[0-9a-z]	to combine sets, list them one after another
[^...]	exclude specific characters

Special Sequences

\d	Any digit
\D	Any non-digit character
\w	Any alphanumeric character[0-9a-zA-Z_]
\W	Any non-alphanumeric character
\s	Any whitespace (space, tab, new line)
\S	Any non-whitespace character
\b	Matches the beginning or end of a word
\B	Matches only when not at the beginning or end of a word
\A	Matches only at the start of a string (like ^)
\Z	Matches only at the end of a string (like \$)

Groups and Logical OR

	Logical OR operator
(...)	Matches regular expression inside parentheses, notes group
(a b)	Matches the character a or the character b