

Regular Expressions

Quantifiers

n^*	0 or more n
n^+	1 or more n
$n?$	0 or 1 n
$n\{2\}$	Exactly 2 n
$n\{2,\}$	2 or more n
$n\{2,4\}$	2, 3 or 4 n

Ranges

.	Any character except new line ($\backslash n$)
(A B)	A or B
(...)	Group
[ABC]	Range (A, B or C)
[^ABC]	Not A, B or C
[A-Z]	Character between A and Z, upper case
[0-9]	Number between 0 and 9
[A-Z0-9]	Characters between A and Z, and numbers between 0 and 9
$\$n$	n th group/sub pattern

Anchors

\wedge	Start of line
$\$$	End of line
$\backslash A$	Start of line
$\backslash Z$	End of line

Character Classes

$\backslash w$	Word (a-z, A-Z, 0-9, including underscore)
$\backslash W$	Non-word
$\backslash d$	Digit (0-9)
$\backslash D$	Non-digit
$\backslash s$	Whitespace
$\backslash S$	Not whitespace
$\backslash b$	Match at beginning or end
$\backslash B$	Do not match at beginning or end
$\backslash 0$	NUL character
$\backslash n$	New line

Assertions

$n(?=o)$	n followed by o (not matching o)
$n(?!o)$	n not followed by o (not matching o)