

JavaScript Regex Cheatsheet

Basics

.	any character except newline
a	the character a
ab	the string ab
a b	a or b
a*	0 or more a's
\	escapes a special character

Groups & Lookaround

(abc)	capture group
\1	backreference to group #1
(?:abc)	non-capturing group
(?=abc)	positive lookahead
(?!abc)	negative lookahead

Quantifiers & Alt

a* a+ a?	0 or more, 1 or more, 0 or 1
a{5} a{2,}	exactly five, two or more
a{1,3}	between one & three
a+? a{2,}?	match as few as possible
ab cd	match ab or cd

Flags

g	global
i	case insensitive
m	multiline

Character Classes

\w \d \s	word digit whitespace
\W \D \S	not word digit whitespace
[abc]	any of a, b, or c
[^abc]	not a, b, or c
[a-g]	characters between a & g

Anchors

^abc\$	start / end of the string
\b \B	word, not-word boundary

Escaped Characters

\. * \\	escaped special characters
\t \n \r	tab, linefeed, carriage return

Common Examples

^\d+\$	whole numbers
^[a-zA-Z0-9]*\$	alphanumeric with space
/\b[\w\.-]+@[\w\.-]+\.\w{2,4}\b/i	email address
^(https?:\/\/)?([\da-z\.-]+\.[a-z\.-]{2,6}) [\da-z\.-]+([\/:?=&#]{1}[\da-z\.-]+)*[\/\?]?\$	url validation