Cheatography

RegExp Cheat Sheet

by the3ddy via cheatography.com/57608/cs/15251/

Character Classes

[abc]	any of these characters (a or b or c)
[^abc]	not any of these characters (not a or b or c)
[a-c]	any characters in the range (a through c)
[^a-c]	not any characters in this range (not a through c)
(X|Y)	X or Y

Predefined Character Classes

.	any character
\d	a digit: [0-9]
\D	a non-digit: [^0-9]
\s	a whitespace character: " " (space), \r (the carriage return), \n (newline), \t (tab), and \f (the form feed)
\S	a non-whitespace character: [^\s]
\w	a word character: [a-zA-Z0-9_]
\W	a non-word character: [^\w]

Boundaries

^	the beginning of the line
$	the end of the line
\b	a word boundary
\B	a non-word boundary

boundaries - do not select any characters but sets pattern to some edge

Quantifiers

X*	0 or more repititions of X
X+	1 or more repititions of X
X?	0 or 1 instance of X
X{m}	exactly m instances of X
X{m, }	at least m instances of X
X{m,n}	between m and n (inclusive) instances of X

use (. . .) parenthesis to group things you want to find repetitions of

Groups & References

(. . .)	defines/captures a group
\1	contents of group 1
\2	contents of group 2
$1	replace with group 1
$2	replace with group 2

ex: `.replace( / regExp /, $2)`

{replaces regular expressions with group 2}

Metacharacters

(	)	^	$
[	]	.	\
{	}	*	|
<	>	+	?

special characters to be escaped with \

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