Cheatography

Regex Angel Cheat Sheet

by Gael.langlais via cheatography.com/169063/cs/35391/

Anchors

^	Start of line
$	End of line
\A	Start of string
\Z	End of string
\b	Word bondary
\B	Not word bondary
\<	Start of word
\>	End of word

Character Classes

\c	Control character
\s	White space
\S	Not white space
\d	Digit
\D	Not digit
\w	Word
\W	Not word
\hhh	Hexadecimal digit
\Oxxx	Octal digit

POSIX

[:upper:]	Upper case
[:lower:]	Lower case
[:alpha:]	All letters
[:alnum:]	All lettres and digits
[:digit:]	All digits
[:punct:]	`[!" \#$% &' ()*+, \-./:; <=>?@\[ \\\]^_ ` {|}~]`
[:blank:]	Space and Tab
[:space:]	Blank characters `[ \t\r\n \v\f]`
[:cntrl:]	Control Characters `[\x00- \x1 F\x7F]`
[:graph:]	all except **[:space:]** and **[:cntrl:]**
[:print:]	all except **[:cntrl:]**

POSIX (cont)

[:word:]	`[A-Za- z0-9_]`

Assertions

?=	Lookahead
?!	Negative lookahead
?<=	Lookbehind assertion
?!= or **?<!**	negetive loockbehind
?>	Once-only subexpression
?()	Condition If then
?()|	Condition If then else

Ex: `test(?= word)` will match test only if it's followed by " `word`". the match return will be `test` string only

Quantifiers (match previous item x times)

*	0 or more
+	1 or more
?	0 or 1
{5}	Exactly 5
{,5}	0, 1, 2, 3, 4 and 5
{5,}	5 or more
{2,5}	2, 3, 4 or 5
*? ,+?, ??, {2,5}?	Same as above but lazy (match as few characters as possible)

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