# Regular Expressions Cheat Sheet

#### **Anchors**

- ^ Start of string, or start of line in multi-line pattern
- \A Start of string
- \$ End of string, or end of line in multi-line pattern
- \Z End of string
- \b Word boundary
- \B Not word boundary
- \< 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
\x	Hexadecimal digit
\O	Octal digit

#### **POSIX**

[:upper:] Upper case letters

# **Quantifiers**

*	0 or more	{3}	Exactly 3
+	1 or more	{3,}	3 or more
?	0 or 1	{3,5}	3, 4 or 5

Add a ? to a quantifier to make it ungreedy.

## Escape Sequences

- \ Escape following character
- \Q Begin literal sequence
- \E | End literal sequence

"Escaping" is a way of treating characters which have a special meaning in regular expressions literally, rather than as special characters.

# Common Metacharacters

٨	[		\$
{	*	(	\
+	)	I	?
<	>		

# Groups and Ranges

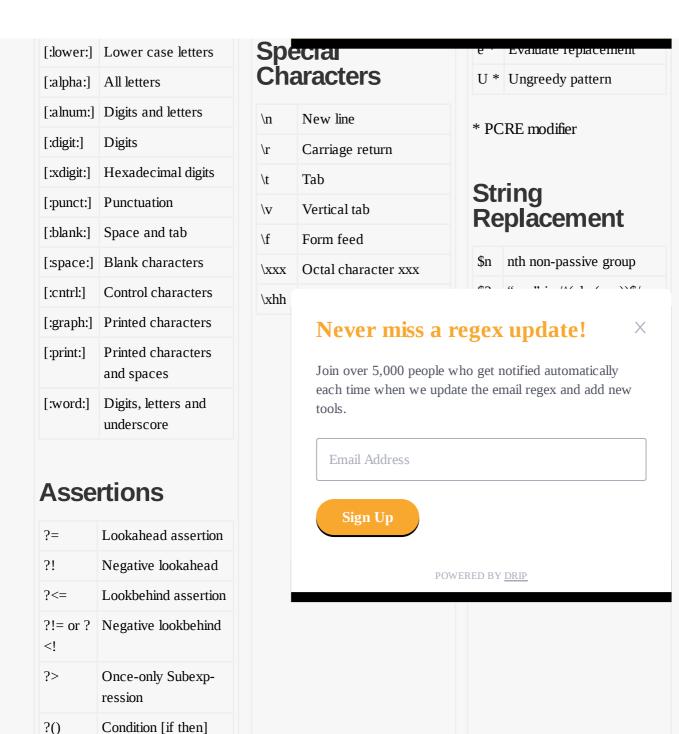
•	Any character except new line (\n)
(a b)	a or b
()	Group
(?:)	Passive (non-capt- uring) group
[abc]	Range (a or b or c)
[^abc]	Not (a or b or c)
[a-q]	Lower case letter from a to q
[A-Q]	Upper case letter from A to Q
[0-7]	Digit from 0 to 7
\x	Group/subpattern number "x"

Ranges are inclusive.

#### Pattern Modifiers

g	Global match
i *	Case-insensitive
m *	Multiple lines
s *	Treat string as single line
x *	Allow comments and

The e Never miss a regex update!



Made by Dave Child

else]

Comment

?()|

?#

Condition [if then