

## Basic Regular Expression Quick Reference Sheet

Expression	Definition
\	Escape Char

Not Escaped	Escaped Meaning
*	Zero or more
(	Grouping
)	Grouping
.	Any single
+	1 or more
/	
\	Escape Char
[	Grouping
]	Grouping
	Or
{	Grouping
<	Anchoring
>	Anchoring
-	XOr

Amounts	
*	Zero or more
+	1 or more
.	Any single character
?	0 or 1
[7]	Exactly 7
[7,]	7 or more
[7,11]	7 to 11

Miscellaneous	
[^exp]	The exp(ression) is negated e.g. not this

White Space Characters	
\f	Form Feed
\n	New Line
\r	Carriage Return
\t	Tab
\c	Control Character
\s	White space
\v	Vertical Tab

Anchors	
^	Start of string
\A	Start of string
\$	End of string
\Z	End of string
\<	Start of word
\>	End of word

Non-White Space Characters	
\d	Digit 0 to 9
[0-9]	Digit 0 to 9
\D	Not a digit
[^0-9]	Not a digit
\S	Non white space
[^\t\n\r\f]	Non white space
\x	Hexadecimal character