

REGULAR EXPRESSIONS SIMPLIFIED

<code>\</code>	Make next metacharact a literal
<code>()</code>	Bind parts of search together
<code> </code>	Alternation (OR)
<code>gr(a e)y</code>	Matches gray or grey
<code>[af7]</code>	Match a single character in the list
<code>[3-8]</code>	Match a single character in the range
<code>[0-9A-Z]</code>	Match a single character in either range (but not lowercase)
<code>[^0-9]</code>	Match a single character which is anything but a digit
<code>^</code>	Match beginning of string
<code>\$</code>	Match end of string
<code>x?</code>	Match if the character is found 0 or 1 times
<code>colou?r</code>	Matches color or colour
<code>x*</code>	Match if character is repeated 0 or any number of times
<code>tre*</code>	Matches tree, tread and trough
<code>x+</code>	Matches if character is repeated 1 or more times
<code>tre+</code>	Matches tree and tread, but not trough
<code>{n}</code>	Matches when preceding character matches n times exactly
<code>[1-9][0-9]{2}-[1-9][0-9]{2}-[0-9]{4}</code>	Matches a phone number 416-234-5432
<code>\([1-9][0-9]{2}\) [1-9][0-9]{2}-[0-9]{4}</code>	Matches a phone number (416) 234-5432
<code>\d</code>	Equivalent to <code>[0-9]</code>
<code>\D</code>	Equivalent to <code>[^0-9]</code>
<code>\s</code>	Matches space or tab
<code>\S</code>	Matches anything except space or tab
<code>\w</code>	Matches alphanumeric equivalent to <code>[0-9A-Za-z]</code>
<code>\W</code>	Matches anything not alphanumeric
<code>\\</code>	Matches backslash
<code>\n</code>	Back reference to nth matched subexpression
<code>([a-z])([a-z])([a-z])\2\1</code>	Matches 5 letter palidrome, eg. level, radar