

# Regular Expressions

Alternatives separated by  , e.g. (a b)	\Z matches only at end of string (or before newline at the end)
{n,m} Match at least n but not more than m times.	\n newline
{n,} Match at least n times.	\r carriage return
{n} Match exactly n times.	\t tab
* Match 0 or more times.	\f formfeed
+ Match 1 or more times.	\d digit [0-9]
? Match 0 or 1 times.	\D non-digit [^0-9]
. matches everything except \n	\W a non-word character [^0-9a-zA-Z]
^ matches the beginning of a string or line	\s a whitespace character [ \t\n\r\f]
\$ matches the end of a string or line	\S a non-whitespace character [^ \t\n\r\f]
[abcd] character classes, e.g. a or b or c or d	\xnn hexadecimal representation of character
[a-z] ranges, e.g. from a to z	\cD matches the corresponding control character
[^a] complement, e.g. not a	\nn or \nnn octal representation of character (unless a backreference)
\b matches a word boundary	\1, \2, \3, etc. matches whatever the first, second, third, etc. parenthesized group matched (backreference).
\B matches any boundary that isn't a word boundary	
\A matches only at beginning of string	