

Perl Quick Reference Sheet

Basic Scalar Operators

Operator	Definition
+ - * /	plus, minus, multiply, divide
**	exponentiation
% x .	modulus, string replicate, concatenate
!	logical not
&&	logical and, logical or
= += -= *=	assignment and binary assignment (e.g. \$x += 2 same as \$x = \$x + 2)

Basic Comparison Operators

Comparison	Numeric	String
Equal	==	eq
Not equal	!=	ne
Less than	<	lt
Greater than	>	gt
Less than or equal to	<=	le
Greater than or equal to	>=	ge

Regular Expressions

Construct	Explanation
\$x =~ /a/gi	pattern matching, returns true if \$x contains the letter 'a' Note: g = global, i = case-insensitive
\$x =~ s/a/t/gi	substitution, substitutes all a's in \$x with t's
\	escapes the character immediately following it
.	matches any single character except a newline
^	matches at the beginning of the string
\$	matches at the end of the string
*	matches the preceding element 0 or more times
+	matches the preceding element 1 or more times
?	matches the preceding element 0 or 1 times
{...}	specifies a range of occurrences for the element preceding it
[...]	matches any one of the class of characters contained within the brackets
(...)	Groups regular expressions, Ex. \$x =~ /(atg)(a..)/gi if the pattern is found then \$1 will contain "atg" and \$2 will contain the match for "a.."
	matches either the expression preceding or following it

Common Regular Expression Characters

Character	Meaning
\n \t	newline, tab
\d \D	digit, nondigit
\w \W	word character, nonword character
\s \S	whitespace character, nonwhitespace character