*Perl Cheat Sheet*

Perl 5 cheat sheet v8 by Juerd Waalboer, http://juerd.nl/

CONTEXTS SIGILS ARRAYS HASHES

void $scalar whole: @array %hash

scalar @array slice: @array[0, 2] @hash{'a', 'b'}

list %hash element: $array[0] $hash{'a'}

&sub

\*glob SCALAR VALUES

number, string, reference, glob, undef

REFERENCES

\ references $$foo[1] aka $foo->[1]

$@%&\* dereference $$foo{bar} aka $foo->{bar}

[] anon. arrayref ${$$foo[1]}[2] aka $foo->[1]->[2]

{} anon. hashref ${$$foo[1]}[2] aka $foo->[1][2]

\() list of refs

NUMBERS vs STRINGS LINKS

OPERATOR PRECEDENCE = = perl.plover.com

-> + . search.cpan.org

++ -- == != eq ne cpan.org

\*\* < > <= >= lt gt le ge pm.org

! ~ \ u+ u- <=> cmp tpj.com

=~ !~ perldoc.com

\* / % x SYNTAX

+ - . for (LIST) { }, for (a;b;c) { }

<< >> while ( ) { }, until ( ) { }

named uops if ( ) { } elsif ( ) { } else { }

< > <= >= lt gt le ge unless ( ) { } elsif ( ) { } else { }

== != <=> eq ne cmp for equals foreach (ALWAYS)

&

| ^ REGEX METACHARS REGEX MODIFIERS

&& ^ string begin /i case insens.

|| $ str. end (before \n) /m line based ^$

.. ... + one or more /s . includes \n

?: \* zero or more /x ign. wh.space

= += -= \*= etc. ? zero or one /g global

, => {3,7} repeat in range

list ops () capture REGEX CHARCLASSES

not (?:) no capture . == [^\n]

and [] character class \s == [\x20\f\t\r\n]

or xor | alternation \w == [A-Za-z0-9\_]

\b word boundary \d == [0-9]

\z string end \S, \W and \D negate

DO

use strict; DON'T LINKS

use warnings; "$foo" perl.com

my $var; $$variable\_name perlmonks.org

open() or die $!; `$userinput` use.perl.org

use Modules; /$userinput/ perl.apache.org

parrotcode.org

FUNCTION RETURN LISTS

stat localtime caller SPECIAL VARIABLES

0 dev 0 second 0 package $\_ default variable

1 ino 1 minute 1 filename $0 program name

2 mode 2 hour 2 line $/ input separator

3 nlink 3 day 3 subroutine $\ output separator

4 uid 4 month-1 4 hasargs $| autoflush

5 gid 5 year-1900 5 wantarray $! sys/libcall error

6 rdev 6 weekday 6 evaltext $@ eval error

7 size 7 yearday 7 is\_require $$ process ID

8 atime 8 is\_dst 8 hints $. line number

9 mtime 9 bitmask @ARGV command line args

10 ctime just use @INC include paths

11 blksz POSIX:: 3..9 only @\_ subroutine args

12 blcks strftime! with EXPR %ENV environment

<https://juerd.nl/site.plp/perlcheat>

<https://cheatography.com/mishin/cheat-sheets/perlcheat/>

<https://rc.hms.harvard.edu/training/perl/Perl%20Cheat%20Sheet.pdf>