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***Rocky Enterprise Linux 9.2 Manual Pages on command 'perlcheat.1'***

***\$ man perlcheat.1***

PERLCHEAT(1) Perl Programmers Reference Guide PERLCHEAT(1)

NAME

perlcheat - Perl 5 Cheat Sheet

DESCRIPTION

This 'cheat sheet' is a handy reference, meant for beginning Perl programmers. Not everything is mentioned, but 195 features may already be overwhelming.

The sheet

```
CONTEXTS SIGILS ref ARRAYS HASHES
void $scalar SCALAR @array %hash
scalar @array ARRAY @array[0, 2] @hash{'a', 'b'}
list %hash HASH $array[0] $hash{'a'}
&sub CODE
*glob GLOB SCALAR VALUES
FORMAT number, string, ref, glob, undef
```

REFERENCES

```
\ reference $$foo[1] aka $foo->[1]
$@%&* dereference $$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
```

SYNTAX

```
OPERATOR PRECEDENCE foreach (LIST) {} for (a;b;c) {}
-> while (e) {} until (e) {}
```

```

++ --      if (e) {} elsif (e) {} else {}
**         unless (e) {} elsif (e) {} else {}
! ~ \ u+ u-   given (e) { when (e) {} default {} }
=~ !~
* / % x      NUMBERS vs STRINGS FALSE vs TRUE
+ - .        =      =      undef, "", 0, "0"
<< >>       +      .      anything else
named uops   == !=    eq ne
< > <= >= lt gt le ge < > <= >= lt gt le ge
== != <=> eq ne cmp ~~ <=>    cmp
&
| ^         REGEX MODIFIERS   REGEX METACHARS
&&         /i case insensitive ^ string begin
|| //      /m line based ^$ $ str end (bfr \n)
.. ...     /s . includes \n + one or more
?:         /x /xx ign. wh.space * zero or more
= += last goto /p preserve ? zero or one
, =>       /a ASCII /aa safe {3,7} repeat in range
list ops   /l locale /d dual | alternation
not        /u Unicode [] character class
and        /e evaluate /ee rpts \b boundary
or xor     /g global \z string end
           /o compile pat once () capture
DEBUG      (? :p) no capture
-MO=Deparse REGEX CHARCLASSES (?#t) comment
-MO=Terse . [^\n] (?=p) ZW pos ahead
-D##      \s whitespace (?!p) ZW neg ahead
-d:Trace  \w word chars (?<=p) ZW pos behind \K
           \d digits (?<!p) ZW neg behind
CONFIGURATION \pP named property (?>p) no backtrack
perl -V:ivsize \h horiz.wh.space (?|p|p)branch reset
           \R linebreak (?<n>p)named capture
           \S \W \D \H negate \g{n} ref to named cap

```

\K keep left part

## 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		10 hinthash	@INC include paths
11 blksize		3..10 only	@_ subroutine args
12 blksize		with EXPR	%ENV environment

## ACKNOWLEDGEMENTS

The first version of this document appeared on Perl Monks, where several people had useful suggestions. Thank you, Perl Monks.

A special thanks to Damian Conway, who didn't only suggest important changes, but also took the time to count the number of listed features and make a Raku version to show that Perl will stay Perl.

## AUTHOR

Juerd Waalboer <#####@juerd.nl>, with the help of many Perl Monks.

## SEE ALSO

- ? <[https://perlmonks.org/?node\\_id=216602](https://perlmonks.org/?node_id=216602)> - the original PM post
- ? <[https://perlmonks.org/?node\\_id=238031](https://perlmonks.org/?node_id=238031)> - Damian Conway's Raku version
- ? <<https://juerd.nl/site.plp/perlcheat>> - home of the Perl Cheat Sheet