



**Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!**

## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'precedence.7'***

**\$ man precedence.7**

OPERATOR(7)

Linux Programmer's Manual

OPERATOR(7)

### NAME

operator - C operator precedence and order of evaluation

### DESCRIPTION

This manual page lists C operators and their precedence in evaluation.

Operator	Associativity	Notes
----------	---------------	-------

() [] -> . ++ --	left to right	[1]
------------------	---------------	-----

! ~ ++ -- + - (type) * & sizeof	right to left	[2]
---------------------------------	---------------	-----

* / %	left to right
-------	---------------

+ -	left to right
-----	---------------

<< >>	left to right
-------	---------------

< <= > >=	left to right
-----------	---------------

== !=	left to right
-------	---------------

&	left to right
---	---------------

^	left to right
---	---------------

	left to right
--	---------------

&&	left to right
----	---------------

	left to right
--	---------------

?:	right to left
----	---------------

= += -= *= /= %= <<= >>= &= ^=  =	right to left
-----------------------------------	---------------

,	left to right
---	---------------

The following notes provide further information to the above table:

[1] The ++ and -- operators at this precedence level are the postfix flavors of the opera?

Page 1/2

tors.

[2] The `++` and `--` operators at this precedence level are the prefix flavors of the `opera?` tors.

## COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

Linux

2020-08-13

OPERATOR(7)