



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
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() [] -> . ++ --	left to right	[1]
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! ~ ++ -- + - (type) * & sizeof	right to left	[2]
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* / %	left to right	
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+ -	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 operators.

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

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/>.

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