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Subject: Re: if evaluation

Posted by [David Fanning](#) on Wed, 15 Jul 2009 12:27:40 GMT

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Alessio writes:

- > I need to understand how line below is evaluated in pv-wave, because I
- > must convert it to C.
- >
- > AND abs(rg(w)-rg(index)) LT (50<rg(index)>20)
- >
- > This line is a part of an "if" condition.
- >
- > The trouble part is "(50<rg(index)>20)".
- > How this part is evaluated ?
- > Supposing rg(index) is 15, the condition will be evaluated in ?

The statement is evaluated left to right.

Compare 50 and rg(index) and take the smaller of those two values. Take that value and compare it with 20 and take the larger of those two values.

Here is an article on precedence:

[www.dfanning.com/misc\\_tips/precedence.html](http://www.dfanning.com/misc_tips/precedence.html)

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: if evaluation

Posted by [Alessio](#) on Wed, 15 Jul 2009 13:32:08 GMT

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David Fanning ha scritto:

> Alessio writes:

>

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>  
> Cheers,  
>  
> David  
>  
>  
Thank you,

Alessio

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