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Subject: Re: nested subroutines and scope

Posted by [Pavel A. Romashkin](#) on Fri, 25 Jan 2002 18:40:18 GMT

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If variables need to be global within a procedure only, what's wrong with passing them as parameters to another procedure called from the parent one?

Pavel

Chris O'Dell wrote:

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>
> This is a two-part question from an IDL newbie.
>
> 1) Is it possible to nest procedures or functions in IDL?
> 2) If the answer to (1) is yes, is there anyway to give certain
> variables global scope within the primary procedure/function,
> so they can be "seen" by all the nested procedures/functions
> within the main function?
>
> I used to do this all the time in pascal. Some pseudo-code might be
> as follows:
>
> function mainfunc, x, a1
>
>   function subfunc, y
>     return, a1 * y^2
>   end ; subfunc
>
> return, subfunc(x) * subfunc(x^2)
>
> end ; mainfunc
>
> If you think this is terrible programming practice (which it probably
> is), can anyone suggest a better way, without having to pass
> all the global variables as parameters?
>
> Thanks,
> Chris O'Dell
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