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Subject: Re: accesing variables defined in a higher program level

Posted by [R.Bauer](#) on Thu, 06 Feb 2003 16:53:37 GMT

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Isa Usman wrote:

```
> Hello,  
>  
> I am trying to get a function to use variable values that are defined in a  
> higher level procedure. Since COMMON blocks can't be used in functions is  
> there a way round this? here is an example of what i am trying to do;  
>  
> Pro high_level  
> x=1  
> y=1  
> z=1  
>  
> l=integrate('f_x',z)  
> end  
>  
> function integrate,z  
> .....  
> .....  
> call function f_x  
> i=.....  
> return,i  
> end  
>  
> function f_x, z  
>   w=x+y+z  
> return, w  
> end  
>  
> Many thanks  
>  
> Isa  
>  
>
```

Dear Isa

I don't like common blocks but I am a bit surprised that they should not work in functions. I can't believe this.

What is the reason for using all these call functions ?

Why did you not define

```
function f_x, x,y,z  
    w=x+y+z  
    return, w
```

and call this directly by high\_level like

```
Pro high_level  
x=1  
y=1  
z=1
```

```
l=f_x(x,y,z)  
end
```

regards

Reimar

--  
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a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

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