
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

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