
Subject: Re: accesing variables defined in a higher program level
Posted by [Craig Markwardt](#) on Thu, 06 Feb 2003 17:57:57 GMT
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"Isa Usman" <eepisu@bath.ac.uk> writes:

> 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;

As other readers have pointed out, you can use common blocks in functions. But, that's still not the greatest programming practice. For example, what if you end up needing a double integral? Common blocks will not survive the nested call.

I have a function integrator on my web page named QPINT1D that allows you to pass arbitrary data to the function via two methods. The first method is to pass data in a structure. Obviously you can arrange the structure any way you like. The second way is to pass the data using keywords. This also involves passing in a structure, and then QPINT1D uses the _EXTRA mechanism, which causes the named structure elements to be converted to named keywords in the function call.

Good luck,
Craig

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Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
