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Subject: Requested improvement to QROMB  
Posted by [mvukovic](#) on Tue, 28 Jul 1998 07:00:00 GMT  
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I hit upon the following problem when using QROMB. The routine that is being integrated used to get its parameters via keywords.

Well, QROMB is not only oblivious but hostile to that, as it does not support \_extra keywords. Thus my solution was to use the venerable common block.

I'll put in a request to RSI to allow the \_extra behavior to QROMB and other such routines.

Any other suggestions before I do that?

Mirko

-----== Posted via Deja News, The Leader in Internet Discussion ==-----  
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Subject: Re: Requested improvement to QROMB  
Posted by [Wayne Landsman](#) on Tue, 28 Jul 1998 07:00:00 GMT  
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mvukovic@my-dejanews.com wrote:

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Two suggestions:

(1) Allowing the user-supplied function to accept \_EXTRA keywords would also be useful for other programs, such as QSIMP, QROMO, LMFIT and SVDFIT

(2) All these programs could be many times faster, if the user -supplied

functions were allowed to be vectorized! It goes against all my IDL training to have to write functions that must accept a scalar input and return a scalar value.

--Wayne Landsman  
landsman@mpb.gsfc.nasa.gov

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Subject: Re: Requested improvement to QROMB  
Posted by [Jack Saba](#) on Wed, 29 Jul 1998 07:00:00 GMT  
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Make that \_REF\_EXTRA so the function can return information to the calling routine. Should be added to all routines that call user code, including the widget routines.

JLS

mvukovic@my-dejanews.com wrote:

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Jack Saba <[jack@magus.stx.com](mailto:jack@magus.stx.com)>

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