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Subject: Re: Source Code

Posted by [Craig Markwardt](#) on Fri, 20 Jun 2003 21:54:17 GMT

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"Rick Towler" <rtowler@u.washington.edu> writes:

> "Kate" wrote in message...

>> I was wondering, what's the deal with getting the source code of IDL

>> library functions that aren't in the 'library' folder. I want to see

>> the source for QROMB but cant' find it, does this mean I'm not allowed

>> to look at it? or where do I look?

>

>

> QROMB is a "system function" which means it is written in C and no source

> code is available.

QROMB is also not a terribly flexible integrator because it is very difficult to pass in arguments or keywords to the user function. I think Kate has already found it, but it's worth mentioning the QUADPACK integrator, which I have translated to IDL.

The IDL QPINT1D function has many of the QUADPACK integrators inside of it. The source code is available; there are several ways to pass arguments to the user function; there are several means of error control; and improper integrals or integrands with singularities are allowed.

Hope that helps!

Craig

P. S. <http://cow.physics.wisc.edu/~craigm/idl/idl.html> (under Mathematics)

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