Subject: Re: Bug in NR_QROMB?

Posted by steinhh on Wed, 08 Feb 1995 10:34:32 GMT

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I suspect that NR_QROMB is not re-entrant, i.e., it uses static variables which get corrupted when NR_QROMB is called from a function that's called by NR_QROMB. I guess all the NR routines are hardcoded in C, so they come in two versions, one using double precision and one using single precision. Clearly they don't use the same static variables.

Quite silly, really. The overhead of using dynamic variables must be extremely small compared with the overhead of calling the IDL function, and you wouldn't experience this problem.

And yes, I'd definitely call it a bug, since the "feature" is not documented. Shouldn't be too hard for RSI to supply a patch, though.

Stein Vidar

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