
Subject: Re: Error handling in embedded applications
Posted by [Craig Markwardt](#) on Tue, 08 Mar 2005 14:41:11 GMT
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David Fanning <david@dfanning.com> writes:

- > Folks,
- >
- > Does anyone understand error handling in embedded applications?
- > I've got a bomb-proof program. CATCH error handlers everywhere.
- > When an error occurs, I go to my error handling code. If in
- > normal IDL, all is well, I return all the way back to the
- > event loop level and I carry on, no big deal.
- >
- > In my embedded application, the same error gets into the
- > CATCH, and then goes--apparently--to a different error
- > handler where the words "Please consult the supplier of
- > this application" is appended to the error message.

If your CATCH handler uses MESSAGE, perhaps that is confusing IDL?
Could you avoid using a MESSAGE command? Perhaps you can reset the
IDL !ERROR status code, or whatever it is these days, to zero?

Just some ideas,
Craig

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

Subject: Re: Error handling in embedded applications
Posted by [David Fanning](#) on Tue, 08 Mar 2005 18:47:44 GMT
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Craig Markwardt writes:

- > If your CATCH handler uses MESSAGE, perhaps that is confusing IDL?
- > Could you avoid using a MESSAGE command? Perhaps you can reset the
- > IDL !ERROR status code, or whatever it is these days, to zero?

I don't think I can avoid MESSAGE. It is the only way I know
to throw an error. I have tried setting the !Error_State fields
to "success" values, but to no avail. I think the problem is
that the error occurs during a widget event, and I think
the RSI routine that distributes events is catching the
error there somehow. I would LOVE to see some documentation. :-)

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
