
Subject: Re: Catching type conversion errors
Posted by [hegde](#) on Wed, 30 Dec 1998 08:00:00 GMT
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Stein Vidar Hagfors Haugan (steinhh@ulrik.uio.no) wrote:

: Martin Schultz <mgs@io.harvard.edu> wrote:

: >This definitively runs counter what they say in the online help, and
: >should therefore considered a real bug.

: Hmm. My online help (v 5.2) states that

: Calling CATCH establishes an error handler for the current
: procedure that intercepts all errors that can be handled
: by IDL, excluding non-fatal warnings such as math errors.

: The key phrase here is *non-fatal* warnings. Type conversion
: "errors" don't halt the program flow (they never have), and
: are thus not "fatal".

: In my view, that makes it a real (even documented) feature :-)

I think math errors are different in the sense that they are system dependent.
Type conversion (I/O) errors are IDL supported and seen by ON_IOERROR.
The control flow chart indicates CATCH should see everything that ON_IOERROR sees.
To circumvent this inability of CATCH, one has to use ON_IOERROR in addition
to CATCH; using two blocks of error handlers doesn't sound good to me.
Adding to this misery, FIX("") doesn't generate an exception/warning at all!

BTW, how to turn off these error messages? I tried !QUIET; it doesn't work
on SGI IRIX or SUN OS.

Regards,

-M. Hegde
