
Subject: Re: IDL excels in debugging??? Do you know something I dont?

Posted by [patterso](#) on Thu, 18 May 1995 07:00:00 GMT

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Mark Rivers (rivers@cars3.uchicago.edu) wrote:

```
: >The most useful debugging technique (other than the good ole PRINT statement)
: >I know of is the following 2 line routine, offered to me once by
: >rep2857@sbsun0010.sbrs.hac.com (Mike Schienle)
: >
: >; BREAK.PRO: a "debugging" routine. it always causes an error. Period.
: >; A call to 'break' in IDL will break IDL and return to the routine
: >; which called it, allowing you to examine all variables' values at
: >; the point it was called. There is generally no way to continue execution,
: >; you must "RETALL & XMANAGER" (aargh!). R. Welti; from M.Schienle
: >
: >PRO
: >END
: >
: >In fact, I would love to read a discussion of what other people are using
: >for debugging techniques / tools.
```

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: Why not just use the STOP statement in your routine? It stops IDL, leaving you
: at the command line, allowing you to examine all variables' values, etc.
: without generating the error. Once you are done examining variable, etc. you
: can continue on by just typing .CON.
```

I just use control C and .con (or xmanager in a Windows situation)
to debug my code. But it's not pretty :)
I'd love it if the step command would actually just oprint the relevant
line of code to the screen so I knew where I was in the code.
