
Subject: Re: Syntax for R. Franks extproc_define() in IDL 6.1

Posted by [Rick Towler](#) on Fri, 22 Apr 2005 21:33:25 GMT

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I can't really help much but I have to ask if you are using a pre-compiled .dlm or did you compile it yourself? Just wondering since I know this .dlm has been around for a while and I would expect issues if you were using a precompiled .dll that is packaged with the library.

See. Not very helpful, but we have to start with the obvious first :)

-Rick

darmstr@sandia.gov wrote:

> OK, nobody attempted my first question about using the extproc_define()
> procedure on the Tektronix scope - not specific enough I suppose. I
> think I've narrowed it down a bit as I'm now beyond the
> "crashes-IDL-everytime-I-try-it" stage. The problem may be a simple
> matter of correct syntax, but I'm not sure. If I enter
>
> result=EXTPROC_DEFINE("mysin","msvcrt.dll","sin","d(d)"/CDECL)
>
> exactly as shown from the examples in the readme file at IDL's command
> prompt, IDL crashes. If I'm doing something totally stupid, ridicule is
> perfectly acceptable, as long as I get things to work in the end.
>
> For whatever it's worth, here are a few other variants and their
> results:
>
> IDL> test=EXTPROC_DEFINE(mysin,'msvcrt.dll',sin,d(d),/CDECL)
> % Variable is undefined: D. (no surprise here)
> % Execution halted at: \$MAIN\$
>
> IDL> test=EXTPROC_DEFINE(mysin,'msvcrt.dll',sin,'d(d)'/CDECL)
> % Internal error: bad param in IDL_KWCleanup.
> % Execution halted at: \$MAIN\$
>
> Pretty much any other way one can enter the above - using single
> quotes, double quotes, combinations of ' and ", variables predefined as
> strings (e.g., then enter: err =
> EXTPROC_DEFINE(idlname,dllfilename,dllfuncname,funcsig)[,/CD ECL]), or
> whatever else, crashes IDL.
>
> Any ideas?
>
> Darrell
>
