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

Posted by [darmstr](#) on Fri, 22 Apr 2005 19:58:10 GMT

[View Forum Message](#) <> [Reply to Message](#)

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
