
Subject: ROUTINE_NAMES

Posted by [landsman](#) on Mon, 19 Apr 1993 07:11:00 GMT

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I notice that the IDL V3.0 User library procedures PWIDGET, GLOBEROT, and WORLDROT call an intrinsic IDL function called ROUTINE_NAMES. I cannot find any online or printed documentation for ROUTINE_NAMES.

I suppose that one should not depend on this routine until RSI makes it official by documenting it, but I am intrigued by what ROUTINE_NAMES does.

Here's what I've been able to find out so far:

```
IDL> print, ROUTINE_NAMES()
```

prints the names of all compiled IDL procedures

```
IDL> print, ROUTINE_NAMES(/LEVEL)
```

appears to print 1 if the user at the main level, 2 if inside a called procedure, etc.

In PWIDGET there is call that is something like this

```
IDL> print,ROUTINE_NAMES('X',FETCH=2)
```

and I haven't figure out what it does, or how to make an example work outside of PWIDGET. It appears to grab a variable called X from another procedure -- perhaps this is a fancy alternative for common blocks? Maybe somebody out there is a better hacker than I am, and can figure this out.

--Wayne Landsman

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