
Subject: Re: `_EXTRA` inheritance crashing IDL
Posted by [Mark Hadfield](#) on Thu, 11 Apr 2002 03:44:54 GMT
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"David Fanning" <david@dfanning.com> wrote in message
news:MPG.171e9d5d95b9c99c98987f@news.frii.com...
> Rob Preece (Rob.Preece@msfc.nasa.gov) writes:
>> Has anyone seen a behavior where IDL 5.5 crashes on a call to a
>> subroutine with an added `_EXTRA` keyword? I have found the same
>> behavior on several different machines, Linux and Mac, which does
>> not exist under 5.4.
>
> Well, yes, it crashes IDL 5.5, but not IDL 5.4. But I don't think
> you can hold RSI responsible for using their keyword inheritance
> mechanism in such a bogus way. Formatting the keywords you want to
> pass as a structure (the way this was meant to work) is error free:
>
> PRO test1, _REF_EXTRA = extra
> testStuff = {TITLE:'bob',XTITLE:'jim',YTITLE:'mary'}
> test2, INDGEN (10), _Extra=Create_Struct(testStuff, 'XRange',[0,5])
> END

But Rob was trying to supply keywords to test1 and have them passed to
test2. And the way he did it is valid according to the IDL docs. See
heading "Keyword Inheritance", subheading "Selective Keyword
Redirection", where they give the example

```
PRO SOMEPROC, _REF_EXTRA = ex  
ONE, _EXTRA=['MOOSE', 'SQUIRREL']  
TWO, _EXTRA='SQUIRREL'  
END
```

(Yes, it is odd that the variable name `ex` is not used.)

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