
Subject: Re: `_EXTRA` inheritance crashing IDL
Posted by [David Fanning](#) on Thu, 11 Apr 2002 02:05:42 GMT
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Rob Preece (Rob.Preece@msfc.nasa.gov) writes:

> OK, Rob de-lurking here.

Oh, good. :-)

> 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. Here
> goes a test case:

```
>
> PRO test1, _REF_EXTRA = extra
>
>   testStuff = ['TITLE','XTITLE','YTITLE']
>
>   test2, INDGEN (10), _EXTRA = [testStuff, 'XRANGE']
>
> END
>
> PRO test2, plotStuff, _EXTRA = extra
>
>   PLOT, plotStuff, plotStuff, _EXTRA = extra
>
> END
>
>
> Compile and execute :
>
> IDL> test1, XRANGE = [-1, 10]
>
> On 5.4, I get a nice plot, with my new XRANGE. On 5.5, I get a *totally
> irrelevant* error message:
```

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
```

```
PRO test2, plotStuff, _EXTRA = extra  
    PLOT, plotStuff, plotStuff, _EXTRA = extra  
END
```

Cheers,

David

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