
Subject: Re: _Ref_Extra : BUG? (in Win2K 55b) corrected test file
Posted by [Martin Downing](#) on Thu, 01 Nov 2001 17:00:26 GMT
[View Forum Message](#) <> [Reply to Message](#)

Glad you didnt look too carefully, as the test file I sent was wrong
nyway - thought I had sent it *before* I started changing things, woops :(
I noticed though that the Keyword had been converted to a string on your
version.

The correct file is now on my web site, sorry - clearly not enough coffee
http://homepage.ntlworld.com/martin.downing/idl/test_ref_ext_ra_bug.pro
code below:
http://homepage.ntlworld.com/martin.downing/idl/test_ref_ext_ra_bug2.pro
the below test though is *maybe* easier to follow

Martin

```
=====
; demonstrates _REF_EXTRA 's keyword argument passing anomalies

; main test procedure
pro test_ref_extra_bug2, debug=debug
; set debug to give help output of passes extra parameters
    test_extra0, /key, debug=debug
    test_ref_extra2, /key, debug=debug
    ; THIS ONE MAY CRASH YOUR IDL SESSION
    test_ref_extra1, /key, debug=debug
end

pro test_extra0, debug=debug, _EXTRA=e
print, "TEST_EXTRA0"
if keyword_set(debug) then help,e,/st
    test_ref_extra1, debug=debug, _REF_EXTRA=e
end

pro test_ref_extra1, debug=debug, _REF_EXTRA=e
print, "TEST_REF_EXTRA1"
if keyword_set(debug) then help,e,/str; & if defined(e) then print, e
    test_ref_extra2, debug=debug, _REF_EXTRA=e
end
pro test_ref_extra2, debug=debug, _REF_EXTRA=e
print, "TEST_REF_EXTRA2"
if keyword_set(debug) then help,e,/st; & if defined(e) then print, e
    test_extra1, _EXTRA=e
end

; the final call
pro test_extra1, key1=key1, debug=debug, _EXTRA=e
```

```

print, "TEST_EXTRA1"
  if keyword_set(debug) then help,e,/st
  if keyword_set(KEY1) then print, "KEY1 set - good!" else Print, "KEY1
unset"
end

```

```
=====
```

Martin

```

>
> I haven't looked closely at this, but here are my results
> on linux idl v5.5:
>
> IDL> test_ref_extra_bug
> { x86 linux unix linux 5.5 Aug 28 2001    32    32}
> ;calling: test_extra, 3, /Key1
> TEST_EXTRA
> ** Structure <827ebdc>, 1 tags, length=2, data length=2, refs=1:
>   KEY1      INT      1
> {    1}
> ;calling: test_ref_extra, 2, /Key1
> pro test_ref_ex,call, _REF_EXTRA=e
> E          STRING   = Array[1]
> pro test_ex,call, _EXTRA=e
> ** Structure <827ebdc>, 1 tags, length=2, data length=2, refs=1:
>   KEY1      INT      1
> pro test_ref_ex,call, _REF_EXTRA=e
> ** Structure <827ebdc>, 1 tags, length=2, data length=2, refs=1:
>   KEY1      INT      1
>
>
> Cheers,
> bob
>

```