
Subject: Re: _Ref_Extra : BUG? (in Win2K 55b)
Posted by [Robert Stockwell](#) on Thu, 01 Nov 2001 08:00:35 GMT
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Martin Downing wrote:

```
> Heres the output I consistently get running the attached code in 5.5 beta
> W2K
> In case it crashes (only IDL not the OS) as 5.5b did for me, I advise
> fininshing anything useful first, then add a break where indicated in the
> code
> enjoy!
> =====
> Version 5.5 W2k run
>
> IDL> test_ref_extra_bug
> { x86 Win32 Windows Microsoft Windows 5.5 Beta Jun 20 2001 32 64}
> ;calling: test_extra, 3, /Key1
> TEST_EXTRA
> ** Structure <1d634f0>, 1 tags, length=2, data length=2, refs=1:
> KEY1 INT 1
> { 1}
> ;calling: test_ref_extra, 2, /Key1
> TEST_REF_EXTRA
> arg1 = 2
> E STRING = Array[1]
> KEY1
> TEST_REF_EXTRA
> arg1 = 1
> E STRING = Array[1]
> KEY1
> % Breakpoint at: TEST_REF_EXTRA 20
> D:\MARTIN\IDL\RA\junk\test_ref_extra_bug.pro
> .STEP ; into oblivion! (bang goes the IDL session and an email to RSI is on
> the way!!!)
>
> Brings amusement for all listening MAC and *nix users:
> 'The instruction at "0x2011238e" referenced memory at "0xffffffff" the
> memory could not be read'
>
> =====
> version 5.4 (w2k) does a bit better
>
> IDL> test_ref_extra_bug
> { x86 Win32 Windows 5.4 Sep 25 2000 32 64}
> ;calling: test_extra, 3, /Key1
> TEST_EXTRA
> ** Structure <1907a48>, 1 tags, length=2, refs=1:
```

```

> KEY1 INT 1
> { 1}
> ;calling: test_ref_extra, 2, /Key1
> TEST_REF_EXTRA
> arg1 = 2
> E STRING = Array[1]
> KEY1
> TEST_REF_EXTRA
> arg1 = 1
> E STRING = Array[1]
> KEY1
> TEST_EXTRA
> E UNDEFINED = <Undefined>
>
> =====

```

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
