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Subject: Re: IDL killer

Posted by [Robert Barnett](#) on Wed, 19 Jan 2005 22:35:32 GMT

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Perhaps we could have a competition to find as many one line killers as possible.

Here's one, but it's only a 13 liner.

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I've managed to find an error specific to IDL on Solaris

"SunOS adac9 5.9 Generic sun4u sparc SUNW,Ultra-5\_10"

"SunOS adac7 5.9 Generic sun4u sparc SUNW,Ultra-1"

The error occurs in both IDL 6.0 and IDL 6.1 but not in IDL 6.0 on Windows.

The error occurs when I run the DICOMTEST\_\_TEST1 procedure from the attached code.

Running this program results in a core dump of the IDL process.

The problem is related to when I call IDLffDICOM::read as an inherited method.

If the filename points to a file which does not exist then this will cause a segmentation fault (Most likely in the dicom DLM)

This error can be easily avoided by running file\_test before IDLffDICOM::read. Thus, I have managed to avoid this problem.

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```
; Define the dicomtest class which extends the IDLffDICOM class
pro dicomtest__define
struct = {dicomtest, image: ptr_new(), INHERITS IDLffDICOM }
end
```

```
; Define the dicomtest init method
function dicomtest::init
; Return 0 if the superclass did not init
if (NOT (self -> IDLffDICOM::init())) then return, 0
return, 1
end
```

```
; This procedure starts and runs the dicomtest wrapper object
pro dicomtest__test1
filename = 'dummyfilename'
help, file_test(filename)
dicom_obj = obj_new('dicomtest')
if (dicom_obj -> read(filename)) then print, 'ok'
end
```

## File Attachments

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1) [dicomtest\\_\\_define.pro](#), downloaded 152 times

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