
Subject: Re: Referencing structure inline

Posted by [Helder Marchetto](#) on Tue, 09 Dec 2014 10:55:01 GMT

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On Tuesday, December 9, 2014 9:42:57 AM UTC+1, Heinz Stege wrote:

> Seems to be a bug in your IDL version. The following works in IDL 8.0:

>

> IDL> help,file_info(!dir)

> ** Structure FILE_INFO, 21 tags, length=64, data length=63:

> NAME STRING 'C:\idl\idl80'

> EXISTS BYTE 1

> READ BYTE 1

> WRITE BYTE 1

> EXECUTE BYTE 1

> REGULAR BYTE 0

> DIRECTORY BYTE 1

> BLOCK_SPECIAL BYTE 0

> CHARACTER_SPECIAL

> BYTE 0

> NAMED_PIPE BYTE 0

> SETUID BYTE 0

> SETGID BYTE 0

> SOCKET BYTE 0

> STICKY_BIT BYTE 0

> SYMLINK BYTE 0

> DANGLING_SYMLINK

> BYTE 0

> MODE LONG 511

> ATIME LONG64 1418112222

> CTIME LONG64 1299161262

> MTIME LONG64 1349551389

> SIZE LONG64 0

> IDL> print,(file_info(!dir)).name

> C:\idl\idl80

> IDL> print,(file_info(!dir)).ctime

> 1299161262

> IDL> print,!version

> { x86 Win32 Windows Microsoft Windows 8.0.1 Oct 5 2010 32

> 64}

Hi,

If this is a bug then it's still out there. Implied print seems to be the problem:

IDL> ({x:1,y:2}).x

% Object reference type required in this context: <STRUCT Array[1]>.

% Execution halted at: \$MAIN\$

IDL> print, ({x:1,y:2}).x

```
1
IDL> !version
{
  "ARCH": "x86_64",
  "OS": "Win32",
  "OS_FAMILY": "Windows",
  "OS_NAME": "MicrosoftWindows",
  "RELEASE": "8.4",
  "BUILD_DATE": "Sep272014",
  "MEMORY_BITS": 64,
  "FILE_OFFSET_BITS": 64
}
```

In other words, such indexing does not work with implied print.

I also tried this with a function:

```
function testPrintFunction
return, {x:1,y:2}
end
```

```
IDL> (testPrintFunction()).x
% Object reference type required in this context: <STRUCT  Array[1]>.
% Execution halted at: $MAIN$
IDL> print, (testPrintFunction()).x
1
```

Cheers,
Helder
