
Subject: Re: IDL 8.0 questions

Posted by [Mike Potter](#) on Sun, 25 Jul 2010 15:22:52 GMT

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On Jul 25, 7:12 am, wlandsman <wlands...@gmail.com> wrote:

> On Jul 25, 2:07 am, Mike Potter <m...@orionsound.com> wrote:

>

>> QFILE STRING = '8 unsigned int, 16 & 32 int, -32 & -64

>> A couple of things to note:

>

>> 1) the final time through the first loop filenames get corrupted

>> somehow - and the string that results is actually some of the code

>> from "readfits.pro".

>

> 1. No - there is no line in readfits.pro that reads "8 unsigned

> int....". This looks instead to me like something typically

> written in the comment field of the FITS header (for the keyword

> BITPIX).

>

> 2. It looks like the error is occurring in the FOR-ENDFOR loop --

> before the FOREACH loop is even reached! Is that right?

>

> I have no idea what is going on but if forced to choose I would say

> that this is a string descriptor problem rather than a FOREACH

> problem. In particular, I would suspect that there is an IDL 8.0

> Windows bug in the processing of empty strings. --Wayne

Wayne - as to your second point - yes, the error shows no matter where the "FOREACH" loop is located. I tried the same code with the "FOREACH" loop first and got essentially the same results. I say "essentially" because the results do vary from consecutive running of the program, even without re-compiling. And while it doesn't happen every time it SEEMS as though the spontaneous exits of the IDLDE occur while compiling code containing a FOREACH loop. Also note I tried a FOREACH loop that iterated through an array of integers and got essentially the same result.

Mike
