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Subject: Re: How to correct errors an IDL

Posted by on Sat, 08 Dec 2012 08:57:52 GMT

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Den lördagen den 8:e december 2012 kl. 09:24:38 UTC+1 skrev Dry in water:

> Hello all,

>

>

>

> when I imported an image with 4 bands into IDL using 'import image file' tool, but 'Program caused arithmetic error: Floating illegal operand' error appeared on command history window. So I imported this image using openr command.

>

>

>

> openr,1, 'D:\tmp\temp\temp\_2000.tif'

>

> temper=fltarr(2894,4584,4)

>

> readu,1,temper

>

> close,1

I don't know anything about the "import image tool". Do you know that it supports tiff files?

Reading an image with openr and readu like you do works only if the file has no header. Surely tiff files start with at least some meta information? Did you display the images and do they look anything like you expect them to? If not, you may want to try using

temper = READ\_TIFF ( Filename )

instead.

> Then I wanted to find out the indices of 'temper' that are not valid float-point numbers using finite command. But this command gave me just a number(-1). So I want to ask why finite command didn't show me all the location of not valid float-point numbers.

>

> Here is a command;

>

>

>

> print, where(~finite(temper))

>

> -1

>

> % Program caused arithmetic error: Floating underflow

If you get different results from reading the file in two different ways, there is a good chance at least one of those ways of reading is wrong.

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