Subject: Re: how to convert the date into julian date Posted by ben.bighair on Mon, 23 Jul 2012 13:35:56 GMT

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On Monday, July 23, 2012 6:55:21 AM UTC-4, Bandrush Barda wrote:

> Hello everyone?

>

- > I'd like to ask really simple question. I just want to make sure that all images that will be used further are required to be the same path as IDL or not. My IDL program is on C disk. I have saved all my files on D disk and then changed the IDL path into D disk where the my files are.
- > why I'm asking this question is: when i try to read an image (7 bands, floating-point data, stored in tiff format, located in D disk) using import image file tool in IDL, there is an error saying 'Error opening the file: unit:100. file...(here file path)'.
- > So what does it mean? Is this error related to the file path?

>

> Thanks in advance.

Hi,

It isn't possible to tell what is happening from what you have described. I suggest that you do a couple of things.

1. test that the file really exists by using

IDL> ok = FILE_TEST('theNameOfYourFileWithCompletePathIncludingDriveLe tter')
IDL> print,ok

2. check the read permissions on the file. I can't recall how to do that on windows, but within IDL you can use something like

IDL > info = FILE_INFO('theNameOfYourFileWithCompletePathIncludingDriveLe tter')
IDL > help, info,/str

3. if those don't help you resolve the issue, then the next thing is to paste the entire unedited error message you see into your next message to the group.

Cheers, Ben

Subject: Re: how to convert the date into julian date Posted by Bandrush Barda on Wed, 25 Jul 2012 15:43:36 GMT View Forum Message <> Reply to Message

First of all, thank you so much, Ben.

I hope, your suggestion will help me a lot.

When I test the file according to your suggestion, definitely, something wrong with my file. Can

you check the text?

1. using the first approach, it goes like this:

```
IDL> ok=file_test('D:/temperature')
IDL> print, ok
0
```

2. using second approach, there is something like this:

IDL> info=file_info('D:/temperature')

IDL> help, info,/str

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

```
'D:\temperature'
NAME
           STRING
EXISTS
           BYTE
                    0
          BYTE
                   0
READ
                    0
WRITE
           BYTE
EXECUTE
            BYTE
                     0
REGULAR
            BYTE
DIRECTORY
             BYTE
                      0
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
MODE
           LONG
                        0
ATIME
          LONG64
                              0
CTIME
          LONG64
                              0
MTIME
          LONG64
                              0
SIZE
         LONG64
```

Thanks a lot. Bandrush

Subject: Re: how to convert the date into julian date Posted by Helder Marchetto on Wed, 25 Jul 2012 19:10:34 GMT View Forum Message <> Reply to Message

On Wednesday, July 25, 2012 5:43:36 PM UTC+2, Bandrush Barda wrote:

- > First of all, thank you so much, Ben.
- > I hope, your suggestion will help me a lot.

>

```
> When I test the file according to your suggestion, definitely, something wrong with my file. Can
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>
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>
> IDL> ok=file_test('D:/temperature')
  IDL> print, ok
        0
>
>
> 2. using second approach, there is something like this:
> IDL> info=file_info('D:/temperature')
> IDL> help, info,/str
  ** Structure FILE_INFO, 21 tags, length=64, data length=63:
>
   NAME
                STRING
                          'D:\temperature'
>
    EXISTS
                BYTE
                           0
>
>
    READ
                BYTE
                          0
   WRITE
                BYTE
                           0
>
    EXECUTE
                  BYTE
                             0
>
   REGULAR
                   BYTE
                             0
>
   DIRECTORY
                    BYTE
                              0
>
    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
>
    MODE
                LONG
                                0
>
   ATIME
                LONG64
                                      0
>
   CTIME
                LONG64
                                      0
>
                                       0
    MTIME
                LONG64
>
    SIZE
               LONG64
>
> Thanks a lot.
 Bandrush
Dear Bandrush,
I think your file does not exist as you wrote it... You need to specify also the extension. For
example you should try:
IDL> print, file_test('D:/temperature.dat')
or
IDL> print, file_test('D:/temperature.txt')
or whatever extension you have.
```

Then if IDL writes a 1, it means that IDL found the file and it does exist. If you get a 0 it means that the file does not exist. You probably misspelled the file name or directory.

Cheers, Helder