
Subject: IDL Error GCPC data
Posted by [sampton](#) on Thu, 24 Dec 2009 07:27:27 GMT
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Good day Evrybody,
I'm trying to retrieve data from binary file using this idl procedure
but can't make it to run properly under idl71, any help can be
appreciated, the file is located at:
http://www1.ncdc.noaa.gov/pub/data/gpcp/gpcp-v2.1/software/read_v2.1_file.pro
and it's the procedure to get GCPC data.
Thanks again for your help.
S.S.

Subject: Re: IDL Error GCPC data
Posted by [David Fanning](#) on Tue, 05 Jan 2010 02:17:18 GMT
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sampton writes:

> Thanks again for your help,
> I'm just wondering how I can save struct to data.txt after executing
> the command under IDL:
> IDL> read_v2_1, 'gpcp_v2.1_psg.1979', struct
> I want to save struct to data.txt to be opened with text editor under
> windows (so data.txt will be located under a specific folder say: c:
> \cgcp\data.txt).

I'd try something like this:

```
fields = Tag_Names(struct)
OpenW, lun, 'C:\cgcp\data.txt', /Get_Lun
FOR j=0,N_Elements(fields)-1 DO $
    PrintF, lun, fields[j], ': ', struct.[j]
Free_Lun, lun
```

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: IDL Error GCPC data
Posted by [sampton](#) on Wed, 06 Jan 2010 18:42:59 GMT
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Hi,
I tried this code but got a santax error for .[j] when removing the dot (.) I got an error about 'j':

```
fields = Tag_Names(struct)
OpenW, lun, 'C:\cgcp\data.txt', /Get_Lun
FOR j=0,N_Elements(fields)-1 DO $
    PrintF, lun, fields[j], ': ', struct.[j]
Free_Lun, lun
```

Error:

```
IDL> PrintF, lun, fields[j], ': ', struc1979[j]
% Attempt to subscript STRUC1979 with J is out of range.
% Execution halted at: $MAIN$
```

with .j Error:

```
IDL> PrintF, lun, fields[j], ': ', STRUC1979.[j]
```

```
PrintF, lun, fields[j], ': ', STRUC1979.[j]
                                     ^
```

% Syntax error.

On 4 jan, 21:17, David Fanning <n...@dfanning.com> wrote:

> sampton writes:

>> Thanks again for your help,

>> I'm just wondering how I can save struct to data.txt after executing

>> the command under IDL:

>> IDL> read_v2_1, 'gpcp_v2.1_psg.1979', struct

>> I want to save struct to data.txt to be opened with text editor under

>> windows (so data.txt wil be located under a spedcific folder say: c:

>> \cgcp\data.txt).

>

> I'd try something like this:

>

> fields = Tag_Names(struct)

> OpenW, lun, 'C:\cgcp\data.txt', /Get_Lun

> FOR j=0,N_Elements(fields)-1 DO \$

> PrintF, lun, fields[j], ': ', struct.[j]

> Free_Lun, lun

>

```
> Cheers,  
>  
> David  
>  
> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.  
> Coyote's Guide to IDL Programming:http://www.dfanning.com/  
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
```

Subject: Re: IDL Error GCPC data
Posted by [jeanh](#) on Wed, 06 Jan 2010 18:55:19 GMT
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sampton wrote:

```
> Hi,  
> I tried this code but got a santax error for .[j] when removing the  
> dot (.) I got an error about 'j':
```

```
>      Printf, lun, fields[j], ': ', struct.[j]
>
> with .j Error:
> IDL> Printf, lun, fields[j], ': ', STRUC1979.[j]
>
> Printf, lun, fields[j], ': ', STRUC1979.[j]
>                                     ^
> % Syntax error.
```

```
> with .j Error:
> IDL> PrintF, lun, fields[j], ': ', STRUC19
>
> PrintF, lun, fields[j], ': ', STRUC1979.[j]
>                                     ^
> % Syntax error.
```

hi,
use () instead of [] STRUC1979.(j)

Jean