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Subject: Re: IDL Error GCPC data  
Posted by [sampton](#) on Fri, 25 Dec 2009 02:29:10 GMT  
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OK ! you're the expert then ;)

As of the file extension what I mean is that I have more than one binary data file ending by 'year': gpcp\_v2.1\_psg.1979, gpcp\_v2.1\_psg.1980 and so on.

I'll try those command and get back to you in case,  
Thanks again and greeting to the Holidays season.  
S.S.

On 24 déc, 14:07, David Fanning <n...@dfanning.com> wrote:

> sampton writes:

>> Yes I know that I'm missing a lot it's my first steps with IDL ;)

>

> OK, then. Expected. :-)

>

>> As of the file name no I just want to mention that there is a binary

>> data file and the real name is: gpcp\_v2.1\_psg.1979

>> and the year extension changes from 1979 to 2009.

>

> I don't know what you mean by 'changing the year extension',  
> since there is nothing like that in your code. Your code opens  
> the file you supply it and reads a structure out of it. If this  
> is what you have in mind, then the command you would use is:

>

> IDL> read\_v2\_1, 'gpcp\_v2.1\_psg.1979', struct

>

> This \*assumes\* the file is located in your current IDL directory.  
> Almost always a \*bad\* assumption, as it turns out. But we will  
> save that for a future lesson.

>

> Your code then goes to a lot of trouble to do some byte swapping,  
> in needed. This can be MUCH more easily done by using the  
> SWAP\_IF\_\*\*\* keywords on the OPENR command. Look up the OPENR  
> statement in the on-line help.

>

>> you suggested: .COMPILE do I have to include the file name in the  
>> path or just the command ?

>

> If your file is named correctly, and is located somewhere in  
> your IDL path, then you just have to supply the "root" name  
> of the file:

>

> IDL> .compile tvimage

>

> 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.")

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