
Subject: Re: IDL 6.3 read_binary ??

Posted by [kerninger](#) on Wed, 05 Mar 2008 14:13:53 GMT

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On Mar 5, 2:50 pm, Spon <christoph.b...@gmail.com> wrote:

> On Mar 5, 1:24 pm, kernin...@gmx.de wrote:

>

>> On Mar 5, 11:29 am, Spon <christoph.b...@gmail.com> wrote:

>

>>> Try closing your string:

>>> ...endian='little')

>

>> The string is closed in the code. It was a typo only here in this

>> posting. Sorry for that.

>> But thank you for this remark;)

>

> Hi,

>

> sorry, I guess my comment came across as a lot less friendly than I'd

> intended. Hadn't had my coffee yet... sorry :-)

>

> Anyway, your code, as it stands, works fine for me (v7.0) so long as:

> 1) fname is a string variable that points to a file that actually

> exists (and I have read access to, I guess),

> 2) mx & my & mz are defined scalars,

> 3) mx * my * mz * bytes-per-pixel (as defined by data_type) isn't >

> the file length,

> and

> 4) I have a version of IDL that has swap_endian_inplace somewhere in

> its library (I think you'd have to have a fairly old version for this

> not to be the case, certainly I wouldn't expect any problems with v6.3

> unless your !PATH is completely messed up for some reason.)

>

> What error message are you getting? As you've changed versions I would

> suspect that your FNAME variable may be defined as a relative path to

> your old IDL directory or something. What happens if you define fname

> using dialog_pickfile first? I'm stabbing in the dark here without

> knowing what the error thrown is, though.

>

> Regards,

> Chris

Hi Chris,

it didn't seem unfriendly to me.

Here is the error message:

```
array=read_binary(fname,  
data_dims=[mx,my,mz],data_type=4,endian='little')  
      ^
```

% Syntax error.

At: /home/.../clump_pp.pro, Line 276

% 1 Compilation error(s) in module GET_DATA.

get_data looks like this in the same file:

```
-----  
pro get_data, fname, array  
  common shared_variables  
  array=fltarr(mx,my,mz)  
  array=read_binary(fname,  
data_dims=[mx,my,mz],data_type=4,endian='little')  
  
end  
-----
```

mx,my,mz are shared variables in the common block.
Regards,

kerninger
