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Subject: Re: Defining IDL structures given variable type, width and precision

Posted by [Vince Hradil](#) on Thu, 17 May 2007 14:07:50 GMT

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On May 16, 10:24 pm, David Fanning <n...@dfanning.com> wrote:

> Jonathan Greenberg writes:

>> Is there a trick to defining an IDL structure with the appropriate

>> variable types given that type, width and precision of each variable?

>> I am extracting data from a .dbf file, then using the `envi_write_dbf`

>> command to basically copy the dbf file, but I'm running into problems

>> with a string field in the original DBF that appears to be longer than

>> simply assigning that field during the `create_struct` portion to be "",

>> e.g.

>

>> `structure=create_struct(structurename:"")` <- how would I assign that

>> if I know the type is "7" (string), width=43, precision=0

>

> Strings in IDL can be any "width", so this must be a .dbf file

> requirement. It is probably better to save the string as

> a byte array, in this case, and convert to and from a string as

> needed.

>

> 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.")

or maybe `structure =`

`create_struct(stucturename:string(bytarr(43)+byte(32)))` ? (for

example, If you want just spaces)

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