
Subject: Re: Defining IDL structures given variable type, width and precision
Posted by [David Fanning](#) on Thu, 17 May 2007 03:24:33 GMT

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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.")

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:

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> David Fanning, Ph.D.
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or maybe structure =
create_struct(stucturename:string(bytarr(43)+byte(32))) ? (for
example, If you want just spaces)
