
Subject: Re: read a C written binary file with IDL
Posted by [Paul Van Delst\[1\]](#) on Fri, 10 Feb 2012 16:02:07 GMT
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Cool! I did not know that.

cheers,

paulv

Bill Nel wrote:

> On Feb 9, 11:56 pm, Manodeep Sinha <manod...@gmail.com> wrote:

>> Hi,

>>

>> This is because C pads the structure to produce alignments. Under
>> 'normal' operations, you would expect MyStruct to be 20 bytes,
>> however, if you do a sizeof(struct MyStruct), you will probably see
>> that the size is 24. (And you can enable the warning for gcc by using
>> the compile time option -Wpadded).

>

>

> The N_TAGS() function has LENGTH and DATA_LENGTH keywords:

>

> IDL> print, n_tags(mystruct, /length)

> 24

> IDL> print, n_tags(mystruct, /data_length)

> 20

>

> I mention it because one might not think to look at the N_TAGS

> function

> for this sort of information.

>

> --Wayne
