
Subject: sec : U Re: STRUCTURE SIZE

Posted by [Andrew Cool](#) on Mon, 11 Mar 2002 00:47:18 GMT

[View Forum Message](#) <> [Reply to Message](#)

lyubo wrote:

>
> How can I find the size of a structure (that contains other structures) in
> bytes?
>
> Lyubo

Hi,

David Fanning's site http://www.dfanning.com/tips/struct_length.html
says :-

QUESTION: How can I determine the size or length of an IDL structure
variable in bytes?

ANSWER: This functionality, oddly enough, is provided by the N_Tags
function and the Length keyword.

```
structSize = N_Tags(myStructure, /Length)
```

The length or size of a structure is machine dependent and depends
upon the host machine. IDL pads and aligns structures in a manner
consistent with the host machine's C compiler.

Andrew C.

Andrew D. Cool .->-.
Electromagnetics & Propagation Group \-<-'
Surveillance Systems Division Transmitted on
Defence Science & Technology Organisation 100% recycled
PO Box 1500, Salisbury electrons
South Australia 5108

Phone : 061 8 8259 5740 Fax : 061 8 8259 6673
Email : andrew.cool@dsto.defence.gov.au
