
Subject: Re: Need prog to give size of a structure in bytes

Posted by [Joe Means](#) on Fri, 20 Nov 1998 08:00:00 GMT

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I like your idea, David, but the length= from help is not close to the size of the file when it is written out in binary.

IDL> help, /struct, headout

** Structure SMALLFOOTHEADER, 7 tags, length=272:

VERSION STRING 'smallfooheader1 '

TOTSHOTCOUNT LONG 0

DATUM STRING '83'

DATATYPE STRING 'utm'

NUMFILES INT 1

SHOTCOUNTS LONG Array[20]

FILENAMES STRING Array[20]

While the size of the file when written and closed is 1496 bytes. The filename strings are each 70 characters long. Any ideas on this?

--Joe

David Fanning wrote:

> Snip....

>

> Help, struct, /Structure, Output=structInfo

> stuffIWant = structInfo[0]

> lengthInBytes = ParseIt(stuffIWant)

>

> I'll leave the ParseIt routine as an exercise for the reader. ;-)

>

> Cheers,

>

> David

>

> P.S. RSI warns you that following the instructions above

> may lead to heartache. I echo their comments.