Subject: Re: structure length in files
Posted by Helder Marchetto on Tue, 18 Jun 2013 18:13:23 GMT
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On Tuesday, June 18, 2013 6:20:13 PM UTC+2, ri...@crd.ge.com wrote:
> On Tuesday, June 18, 2013 11:20:10 AM UTC-4, Helder wrote:
>
>
>
>> [Short summary: When IDL writes structures in unformatted binary data files, what size will the resulting file have, that described by n_tags(Example1,/LENGTH) or n_tags(Example1,/DATA_LENGTH)?]
>
>
>
> I don't believe it is documented, but empirically (on my Windows 7 system -- and several years ago on a Unix system), writeu, struct writes the structure unpadded to a file, n_tags(struct, /data_length). You can check yourself using
>
>   openw, unit, filename, /get_lun,
>
>   writeu, unit, struct
>
>   point_lun, -unit, fileOffset
>
>
>
> There is one important exception. If the struct contains strings, then n_tags(... , /data_length) isn't the size of the unpadded structure. (This is documented.)
>
>
>
> --Wayne

Hi,
thanks to both of you. Today I learned three things:
1) fstat
2) point_lun
3) to look for the solution yourself... Somewhere in the documentation you'll find the tools to answer your question.

Thanks,
Helder