
Subject: Re: number format in structure

Posted by [Craig Markwardt](#) on Mon, 26 Sep 2005 02:51:21 GMT

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kl_tah@hotmail.com writes:

```
> Hi All,  
>  
> does anyone happen to know how I can specify the format to which  
> numbers stored in structure tags should adhere?  
>  
> for example, I'd like to (hypothetically) be able to do  
>  
> s={a:3.2f,b=2.3f}  
>  
> s.a=123.12345678  
>  
> will yield  
>  
> print,s.a  
> 123.12
```

You could store the format in the structure, as in,

```
s = {a:0., a_format: '3.2F', $  
      b:0., b_format: '5.3F' }  
and  
print, s.a, format=s.a_format
```

This is still not easy if you want to make a compound print statement with many fields.

Also, beware that a single precision floating point number can't store the 11 significant figures of the number you entered. You would have to use double precision (single = 6-7 decimal digits; double = 17 decimal digits).

Good luck,
Craig

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