
Subject: Re: converting strings to structure tags

Posted by [Benjamin Hornberger](#) on Wed, 28 Jun 2006 19:35:00 GMT

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kl_tah@hotmail.com wrote:

```
> Hi All,  
>  
> does anyone know how to convert a string to a structure tag? for e. g.  
> I'd like to take a string as a function argument and use it to access a  
> structure tag like so (hypothetically):  
>  
> function example(tag,i,j  
>  
> restore,'struct.dat  
>  
> tmp=mk_struct_tag(struct(i),tag)      ; i.e. tmp=struct(i).tag  
>  
> a=tmp(j)                             ; i.e. a=struct(i).tag(j)  
>  
> return a  
>  
> end  
>  
> thanks,  
> KL  
>
```

```
:: get the tag names of the structure  
names = tag_names(struct)
```

```
:: find the index of the tag you are looking for  
i = where(strcmp(names, tag, /fold), count)
```

```
:: access the i-th tag in the structure  
if count gt 0 then tag_value = struct.(i)
```

Good luck,
Benjamin

Subject: Re: converting strings to structure tags

Posted by [maye](#) on Fri, 30 Jun 2006 13:31:20 GMT

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Benjamin Hornberger schrieb:

```
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```

```

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exactly what i needed today, thanks! This forum rocks! :)
Why is this kind of access not documented? Well, at least it's not
written in "Structure references", right? (IDL 6.3)
Regards,
Michael

```

Subject: Re: converting strings to structure tags
Posted by [Benjamin Hornberger](#) on Fri, 30 Jun 2006 13:41:27 GMT
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maye wrote:
> Benjamin Hornberger schrieb:
>
>
>> kl_tah@hotmail.com wrote:
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```

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> Michael
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```

Well, you can find it by going to "structures -> advanced" in the help index. But I agree that often things are not so easy to find in the help system. But that's what the newsgroup is for :-).

Cheers,
Benjamin
