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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:

>>

>>> 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)

>>

>

> 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

>

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

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