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.uni-kiel.de/~hendrik ((..-' (< \_ ; ..

$$\frac{(\langle \dots; \dots \rangle)}{\dots} = \frac{\dots}{\dots (\wedge) \dots}$$

Subject: Re: getting/setting value of unknown tag of structure???

Posted by [steinhh](#) on Thu, 19 Dec 1996 08:00:00 GMT

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In article <599fg1\$18m@jungle.toppoint.de>, alpha@jungle.toppoint.de  
(Hendrik Roepcke) writes:

```
|> pro problem
|> read,mytagname,prompt="Enter Tagname: "
|> read,myvalue,prompt="This into it: "
|>
|> mystruct=create_struct([mytagname,'test'],[myvalue,myvalue])
|>
|> ; this is easy and works
|> print,mystruct.test
|>
|> ; but how to get the myvalue via the first tagname?
|> print,mystruct.????
```

Are you aware of the following possibility:

; After creation of the structure:

```
tags = tag_names(mystruct)
```

```
ix = where(tags eq mytagname)
```

```
; This is not at typo -----v
if ix(0) ne -1 then print,mytagname+' = ',mystruct.(ix(0))
```

The tag index notation "struct.(tag\_index)" is quite handy when  
writing programs dealing with variable structures.

Stein Vidar

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