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

Posted by [alpha](#) on Wed, 18 Dec 1996 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello,

imagine the little program:

```
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.????

; ok, i can fetch it via tag_names:
thetagis=tag_names(mystruct)
thetagis=thetagis(0)

print,thetagis

; and my main problem is: how to set the unknown tag?

mystruct.???='THE NEW VALUE'

end

OK, any help needed...

Panther

PS: greetings to the housekeeper of wayward inodes...

--
Panther in the Jungle _...--``\--...__ _...,-
-BELIEVE AND DECEIVE- _.-' .-/'; ` ``<._ ``+'~=.
http://www.ang-physik _.-'_ ...-'_ \ `(^))
.uni-kiel.de/~hendrik ((..'- (< _ ;___.` ;`'

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

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

[View Forum Message](#) <> [Reply to Message](#)

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
