
Subject: Re: structure access using strings for tag-names
Posted by [Paolo Grigis](#) on Mon, 11 Apr 2005 12:31:57 GMT
[View Forum Message](#) <> [Reply to Message](#)

Try this out:

```
;get list of tag names
tagnamelist=tag_names(!P)

;find which tag has the name "MULTI"
tagindex=where(tagnamelist EQ 'MULTI')

;access the structure
print,!p.(tagindex)
```

You can use struct.(0), struct.(1) etc. to access the values
in the first, second,... tag.

--Paolo

Thomas Pfaff wrote:

```
> Hello everyone,
>
> I would like to ask your opinion about the following.
>
> Using the function CREATE_STRUCT it is possible to create a struct with
> tag names defined by strings. This way it is possible to create structs
> without knowing their names at compile time.
>
> However even if I don't have to know the tag names when creating a
> struct, it seems that I still have to know them, when I want to access
> the data within that struct, because I couldn't find any procedure or
> function for this purpose and struct.'tag_name' quite naturally gives a
> syntax error.
>
> Any ideas why this isn't implemented, or why it isn't necessary to have
> it (would be nice to set up simple associative containers, wouldn't it)?
>
> Best regards,
>
>
> Thomas
```
