Subject: Re: structure access using strings for tag-names Posted by Paolo Grigis on Mon, 11 Apr 2005 12:31:57 GMT

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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