
Subject: Re: structure access using strings for tag-names

Posted by [R.Bauer](#) on Wed, 13 Apr 2005 09:29:05 GMT

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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

You could use the routine tag_position from our library.

```
test=create_struct('A',1,'B',2)
print, test.(tag_position(test,'A'))
```

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/tag_position_dbase.pro.html

cheers

Reimar

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

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