
Subject: Re: delete a tagname from a structure?
Posted by [spluque](#) on Mon, 23 Sep 2013 21:55:12 GMT
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Hi,

Searching for a way to remove a field from a structure, I found this advice from 1997. Is there a better way to do this nowadays, in the most general way suggested by JD Smith below?

Thanks,
Seb

On Friday, August 8, 1997 2:00:00 AM UTC-5, J.D. Smith wrote:

> R. Bauer wrote:

>>

>> Hi,

>>

>> I like to remove a tagname from a structure.

>>

>> Any ideas?

>>

>> --

>> R.Bauer

>>

>> Institut fuer Stratosphaerische Chemie (ICG-1)

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>> email: R.Bauer@fz-juelich.de

>

>

> st={tag1:1,tag2:2,tag3:3,tag4:4} ; a structure

> tags=tag_names(st)

> list=[0,1,3] ;; list of which elements to keep

> st=create_struct(tags[list],st.(list[0]),st.(list[1]),st.(list[2]))

>

>

> If you have a named struct, you can use

> name=tag_names(st,STRUCTURE_NAME) and create_struct(name=name,...)

>

> For a totally general method which doesn't preassume the number of tags

> to keep, you'd have to build an 'execute' statement.

>

> E.g.

>

> n=strtrim(n_elements(list),2)

> exc='st=create_struct(tags[list],'+string(FORMAT='('+n+'("st.(list[
",I0,")"',';',';',';'))','indgen(n_elements(list)))+'')'

```
> out=execute(exc)
>
> JD
```
