
Subject: Re: delete a tagname from a structure?
Posted by [J.D. Smith](#) on Fri, 08 Aug 1997 07:00:00 GMT
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R. Bauer wrote:

>
> Hi,
>
> I like to remove a tagname from a structure.
>
> Any ideas?
>
> --
> R.Bauer
>
> Institut fuer Stratosphaerische Chemie (ICG-1)
> Forschungszentrum Juelich
> 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.(li st[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

Subject: Re: delete a tagname from a structure?
Posted by [davidf](#) on Sat, 09 Aug 1997 07:00:00 GMT
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R. Bauer writes:

> I like to remove a tagname from a structure.
>
> Any ideas?

If it is an anonymous structure, you can just
redefine the structure without the tag. For example,
like this:

```
struct = {a:FltArr(10), b:FltArr(10), c:FltArr(10)}
```

To remove tag b:

```
struct = {a:struct.a, c:struct.c}
```

If you have named structures, I am afraid you are out
of luck.

Cheers,

David

David Fanning, Ph.D.
Fanning Software Consulting
Customizable IDL Programming Courses
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com>
