
Subject: Re: delete a tagname from a structure?
Posted by [Fabzi](#) on Tue, 24 Sep 2013 08:44:34 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi

On 09/23/2013 11:55 PM, spluque@gmail.com wrote:

> Searching for a way to remove a field from a structure,

I found this in my lib, I don't remember who wrote the code in the first place but it's not that complex:

```
;+
; :Description:
;   Removes a tag from a structure.
;
; :Params:
;   struct: in, required
;           the structure
;   tagname: in, required, type=string
;           the tag name
;
;-
pro w_remove_tag, struct, tagname

; Set Up environnement
COMPILE_OPT idl2

if n_params() ne 2 then MESSAGE, 'N_PARAMS=2'

searchtag=strupcase(tagname)
tagnames=tag_names(struct)
a=[-1]
if n_elements(tagname) eq 1 then a=[a,where(tagnames $
  ne searchtag)] else for i=0,n_elements(tagnames)-1 do $
  if (where(searchtag eq tagnames[i]))[0] eq -1 then a=[a,i]
if n_elements(a) eq 1 then return
if a[1] eq -1 then return
newstruct=create_struct(tagnames[a[1]],struct.(a[1]))
if n_elements(a) gt 2 then for i=2,n_elements(a)-1 $
  do newstruct=create_struct(newstruct,tagnames[a[i]],struct.(a[i ]))
struct=newstruct

end
```
