
Subject: Re: Change structure tags from float to double
Posted by [R.Bauer](#) on Wed, 08 Jul 2009 13:40:43 GMT
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David Fanning schrieb:

> Anthony writes:

>

>> I have an array of structures, with many tags, including "table.ra"

>> and "table.dec", which are floats

>>

>> I want to change "table.ra" and "table.dec" to double precision.

>>

>> Is there an easy way of doing this? (Optimistic question, I know...)

it is

>

> You mean NOW!? No, it's **way** too late for that.

> You should have thought of that when you were defining

> the structure. :-)

>

> Cheers,

>

> David

>

>

>

it isn't you just need a program for that as usual.

http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl_html/dbase/replace_tagvalue_dbase.pro.html

e.g. wget

http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl_html/dbase/download/replace_tagvalue.sav

e.g.

d = {A: 1, B: {B1: 0, B2: 1}, C: {B1: 0, B2: 1}}

help, replace_tagvalue(d, 'A', 2, NEW_TAGNAME = 'CC'),/str

** Structure <1056ea8>, 3 tags, length=10, refs=1:

CC INT 2

B STRUCT -> Array[1]

C STRUCT -> Array[1]

result = replace_tagvalue(d, 'A', {A:2})

HELP, result.a, /STR

```
** Structure <133aa58>, 1 tags, length=2, refs=2:
A INT 2
result = replace_tagvalue(d, 'B1', {A:2}, NEW_TAGNAME = 'I', /ALL)
HELP,result.b,/str
** Structure <1055248>, 2 tags, length=4, refs=2:
I STRUCT -> Array[1]
B2 INT 1
result = replace_tagvalue(d, 'B1', {A:2}, sub='B')
HELP, result.b, /STR
** Structure <13243f8>, 2 tags, length=4, refs=2:
B1 STRUCT -> Array[1]
B2 INT 1
HELP, result.b.b1, /STR
** Structure <1369998>, 1 tags, length=2, refs=2:
A INT 2
```

further tools could be found at
http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_lib_intro.html

cheers
Reimar
