
Subject: Re: How to add a new tag to N structures
Posted by [R.Bauer](#) on Thu, 04 Mar 2010 12:00:49 GMT
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nata schrieb:

```
> Hi guys,
>
> I want to add a new TAG to an array of structures. I don't know how to
> do that efficiently.
> For example, this is my array:
>
> str={a: 0l, b: ""}
> str_arr=REPLICATE(str,10)
>
> And I can't do things like this:
>
> FOR i=0, 9 DO str_arr[i]=CREATE_STRUCT(str_arr[i],'C',0l)
> or
> str_arr=CREATE_STRUCT(str_arr[i],'C',0l)
>
> This is just an example, my real structs contain a lot of fields.
>
> For some reasons I can define the C tag before so I have to add to
> each struct later. There is a way to do that without creating the new
> struct array and copying each field separately ?
> Thanks,
> nata
```

well you can reform your array of structures to an structure with arrays. then you can add your new tag to that structure. Afterwards reform it back to your array of structures

e.g.

```
str={a: 0l, b: ""}
str_arr=REPLICATE(str,10)
```

```
ref_str = reform_struct(str_arr, /tag_array, 10)
ref_str = create_struct(ref_str, 'c', make_array(10))
help, ref_str, /str
```

```
** Structure <2800d48>, 3 tags, length=240, data length=240, refs=1:
```

```
  A      LONG    Array[10]
  B      STRING  Array[10]
  C      FLOAT   Array[10]
```

```
str = reform_struct(str_arr, /struct_array, 10)
help, str
STR      STRUCT  = -> <Anonymous> Array[10]
```

You get reform_struct from
http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl_html/dbase/reform_struct_dbase.pro.html

cheers
Reimar
