
Subject: Structure field concatenation

Posted by [Ben Tupper](#) on Thu, 31 Aug 2000 15:02:11 GMT

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Hello,

I know that this has been a subject of some discussion recently... but I'm still not on firm footing on the best method of changing the size of an anonymous structure's fields (i.e. I want to increase or decrease the size of a field). The code below shows an example of how I do it now: creating a new structure with the appropriately sized fields. Is there a better method?

```
;+++++++ START
PRO Concatenate_Str_Fields

D = {A:Indgen(12), B:Indgen(12)}      ;define a dummy structure

Help, D, /STR

Tags = Tag_Names(D)

NewD = Create_Struct(Tags[0], [D.(0), Indgen(10)]) ;define the new
structure with amended field

For i = 1, N_ELEMENTS(Tags) -1 Do $      ;for each tag recreate
the structure
  NewD = Create_Struct( NewD, Tags[i],[D.(i), Indgen(10)] )

Help, NewD, /STR

END

;-----END
```

Thanks,

Ben

BTW: I don't want to steer the discourse toward a scandalous sidebar discussion, but... I'm wrestling with this because a shrimp starts out as a male and then ends up as a female a few years later. I'm working with a database that has the shrimp broken down into records by sex... but I need to add new records for aggregate sex (that is the sum of males, transitionals, females,...) I never thought IDL programming could be so titillating.

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