
Subject: Re: Add a new tag for anonymous structure array

Posted by [wlandsman](#) on Fri, 22 Feb 2008 03:24:37 GMT

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On Feb 21, 7:20 pm, geonline...@gmail.com wrote:

- > I have an anonymous structure array, say, A. Let us assume the size of
- > the array is 100. Each structure has tags A, B, C. I want to add a new
- > tag, D. How to do that in IDL?
- > I tried:
- > `myStruct = create_struct(A, 'D', 0)`, but it failed.
- >
- > It seems that the above syntax works only for an individual structure
- > instead of structure array.
- > For example,
- >
- > `myStruct = create_struct(A[0], 'D', 0)` and it works.
- >
- > This is an issue that can be easily solved in matlab. I am not sure
- > whether IDL provides straightforward method to do that.

I wouldn't call this straightforward but the task can be accomplished by

```
myStruct = replicate( create_struct(A[0], 'D', 0),  
N_elements(A) ) ;Create the new structure  
Struct_Assign, a, myStruct ;Fill with values from the original  
structure
```

--Wayne
