
Subject: Instances of structure array with varying no. of elements

Posted by [midhunjoyp](#) on Tue, 28 Jan 2014 15:47:40 GMT

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Hi all,

I have an array of structure arrays of the following simplified form :

```
results = REPLICATE({domain:REPLICATE({frame :fltarr(1), particles : fltarr(5,6000)}, 10)} , 500)
```

ie, 'domain' is initialized as a struct array with 10 elements(instances),
'results' is initialized as an array of 'domain' arrays with 500 instances

However during calculations, I would like to change the number of instances of 'domain' array in each instance of the 'results' array

eg: results[0] should contain only 5 instances of 'domain' array
results[1] should contain 7 instances of 'domain' array etc...

I tried doing the following for it :

```
results[0].domain = results[0].domain[0:4]
```

But, with:

```
print, n_elements(results[0].domain) : Returns value 10, which indicates that the size remains unchanged.
```

Is there any method for doing this operation ?

Best,
Midhun
