Subject: Re: Instances of structure array with varying no. of elements
Posted by midhunjoyp on Tue, 28 Jan 2014 16:53:44 GMT

On Tuesday, January 28, 2014 10:47:40 AM UTC-5, midhu...@gmail.com wrote:
> Hi all,
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>
> I have an array of structure arrays of the following simplified form :
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>
> 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
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>
> eg: results[0] should contain only 5 instances of 'domain' array
>
>   results[1] should contain 7 instances of 'domain' array etc...
>
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>
> I tried doing the following for it :
>
> results[0].domain = results[0].domain[0:4]
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>
> But, with:
>
> print, n_elements(results[0].domain) : Returns value 10, which indicates that the size remains
unchanged.
>
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>

> Is there any method for doing this operation ?
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>
>
> Best,
>
> Midhun

Hi Matthew & David,

I had completely forgotten the concept of lists.
Thanks a lot for the help.

Best,
Midhun