Subject: How to write a function that can be apply to arbitrary dimension of multiple array!
Posted by Dave[4] on Sun, 20 Oct 2013 03:21:36 GMT
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Hi, guys:
I want to write a function which can be apply to specified dimension of multiple array, like "mean function which has DIMENSION= parameters.
So, any suggestions! Very thanks!

dave
10/20, 2013

Subject: Re: How to write a function that can be apply to arbitrary dimension of multiple array!
Posted by David Fanning on Sun, 20 Oct 2013 14:10:54 GMT
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Dave writes:

> I want to write a function which can be apply to specified dimension of multiple array, like "mean function which has DIMENSION= parameters.
> So, any suggestions!

My suggestion is to show us what you have done so far, so we can see
where you are going wrong.

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: How to write a function that can be apply to arbitrary dimension of multiple array!
Posted by Carsten Lechte on Mon, 21 Oct 2013 14:10:11 GMT
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On 20/10/13 05:21, Dave wrote:
> Hi, guys: I want to write a function which can be apply to specified
> dimension of multiple array, like "mean function which has DIMENSION=
> parameters. So, any suggestions!

You ask a very general question, so the answer also is very general. I have on occasion used TRANSPOSE() with the permutation vector P specified so that the special dimension was made the first dimension. Then your function can be written to always do its work on the first dimension, after which you transpose back.

chl
