## Subject: Re: How to reform a 3-D array?
Posted by Helder Marchetto on Fri, 13 Mar 2015 16:24:56 GMT

On Friday, March 13, 2015 at 5:20:29 PM UTC+1, Madhavan Bomidi wrote:
> Hello,
>
> I have a data array in 3-dimensions i.e., X -> BYTE = [3,360,2167]. I want to transform the data array retaining the same dimensions as X' -> BYTE = [3,2167,360]. Is there a simple function in IDL which can automatically rearrange the data to the new dimensions?
>
> Any suggestions would be of great help.
>
> Thanking you in advance,
> Regards,
> Madhavan

Would this do:
IDL> a = bytarr(3,50,100)
IDL> help, transpose(a,[0,2,1])
<Expression>    BYTE    = Array[3, 100, 50]

Cheers,
Helder