Subject: Re: Matrix Transpose

Posted by R.G. Stockwell on Tue, 22 Jul 2008 20:36:49 GMT

View Forum Message <> Reply to Message

"xiao" < littledddna@gmail.com> wrote in message news:39798cb6-9437-4373-b45d-1d0a3ab4dc85@s50g2000hsb.google groups.com...

- > Hi~ Everyone~
- > I got a question here about matrix,
- > I created a 3 dimensional arrary which is 2*3* 4 in C and the read it
- > out using IDL. I found the index of these numbers are different, just
- > like this:

> 1, 2, 2 0, 2, 3 > 1, 1,3 1, 0,3 > 0,1,2 0, 0, > 0 ,0 ,3 1, 1,	>	C	IDL
> 1, 1,3 1, 0,3 > 0,1,2 0, 0, > 0,0,3 1,1,	>	1,1 ,1	1,2,2
> 0,1,2 0, 0, > 0,0,3 1,1,	>	1, 2, 2	0, 2, 3
> 0,0,3 1,1,	>	1, 1,3	1, 0,3
• • •	>	0,1,2	0, 0, 1
> 1,1,2 0,0	>	0 ,0 ,3	1, 1, 0
	>	1,1 ,2	0,0,3

> Do can have any ideas how can I put then in the right order in Idl?

> Thank u~~ :)

Perhaps test with a 2D array first, so you can see how the indices change in 2D, then 3D may be obvious.

Cheers, bob