Subject: Re: Matrices
Posted by Jeremy Bailin on Mon, 21 Jan 2013 20:06:32 GMT
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On 1/21/13 11:39 AM, fd_luni@mail.com wrote:

>>> myNbyFour [:,0] = [1, 2, 3, 4]
>>
>>
>>
>> Sorry, this should be
>>
>>
>>
>> myNbyFour[0,*] = [1, 2, 3, 4]
>
> Thank you very much for your answers. Maybe I didn't explain very well what I actually wanna do before. Let's say I have four arrays A,B,C,D and E with 100 elements each. Now, I want to create an array which includes the elements of A,B,C and D (100 by 4 matrix).In other words, I want to write the four arrays A,B,C,D into 1 matrix,and a matrix which includes only the elements of E (vertically) so 100 by 1 matrix.
>

IDL> ABCD = [[A], [B], [C], [D]]
IDL> help, ABCD
<Expression>   FLOAT   = Array[100, 4]
IDL> Ecolumn = reform(E, n_elements(E), 1)
IDL> help, Ecolumn
ECOLUMN   FLOAT   = Array[100, 1]

Of course, Ecolumn will lose the trailing single dimension if you do anything with it... but many (but not all!) things you might think of doing with it won't care.

-Jeremy.