Subject: Re: Concatenating arrays across chosen dimension
Posted by Paul Van Delst[1] on Tue, 25 Jun 2002 22:08:22 GMT
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Dick Jackson wrote:
>
> "Randall Skelton" <rhskelto@atm.ox.ac.uk> wrote in message
> news:Pine.LNX.4.33.0206251749570.28170-100000@mulligan.atm.o x.ac.uk...
>
>> Ok... I have to ask. Is there actually a nice, clean way to concatenate
>> multidimensional arrays in IDL?
>>
>> a = make_array(2,2,2,2)
>> b = make_array(2,2,2,5)
>>
>> data1 = [[[[a]]] , [[[b]]]]
>>
>> Obviously the above fails, but what is the solution? Surely some
>> combination of rebin/reform...
>
> Well, I have to say I don't know *why* that one fails, since this works
> fine:
>
> IDL> a = make_array(2,2,2)
> IDL> b = make_array(2,2,5)
> IDL> help, [[[a]], [[b]]]
> <Expression> FLOAT = Array[2, 2, 7]
>
> ... and we're a long way from the 8-dimension limit on arrays.

I thought the limit on this was three-dimensions (for whatever reason)? I believe (but could be wrong) that Craig Markwardt pointed this out a ways back.

paulv

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