Subject: Re: Concatenate arrays of different dimensions
Posted by greg michael on Wed, 08 Nov 2006 14:46:07 GMT
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Try: ff=[[f],[f1],[f2]]

regards,
greg

Subject: Re: Concatenate arrays of different dimensions
Posted by Dilkushi@gmail.com on Wed, 08 Nov 2006 14:51:48 GMT
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Thank you Greg for your prompt reply
:)
blessings
dilkushi

greg michael wrote:
> Try: ff=[[f],[f1],[f2]]
>
> regards,
> greg

Subject: Re: Concatenate arrays of different dimensions
Posted by cgguido on Wed, 08 Nov 2006 17:31:16 GMT
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I seem to remember that concatenation is slow with big arrays or
something...

If you have to do this often (especially inside a loop!) and if you can
put a higher limit on the number of rows, I would do:

a=fltarr(40,N) ; you would do this outside the loop, if any.
; where N is a number that is an over estimate of the size you will
need at the end.

a[*]=-1
; or some value you know won't appear in real data. I seem to only ever
encounter positive ; numbers :-) Dunno if you could fill it with
NaNs....

;now you fill a with your sub arrays
a[*,0:29]=f

```
a[*,30:300+29]=f1
a[*,330:3330+329]=f2

;finaly clean it up
b=a[where(a[*] ne -1)]
a=0
```

Or someting along these lines anyway... hope this helps.

Gianguido

Subject: Re: Concatenate arrays of different dimensions
Posted by Jean H. on Wed, 08 Nov 2006 17:52:35 GMT
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Gianguido Cianci wrote:
> I seem to remember that concatenation is slow with big arrays or
> something...
[...]
> a[*]=-1

If speed is a concern, REPLICATE or REPLICATE_INPLACE should be faster!

Jean
