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Subject: Re: Converting a 1D index into its original 2D index?

Posted by [Carsten Lechte](#) on Fri, 20 Nov 2009 13:04:52 GMT

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Chris Chronopoulos wrote:

> I'm looking for the indices of a 2D array which satisfy a logical

Try `array_indices()` to convert to multidimensional indices.

chl

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Subject: Re: Converting a 1D index into its original 2D index?

Posted by [jeanh](#) on Fri, 20 Nov 2009 13:07:42 GMT

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Chris Chronopoulos wrote:

> Hello,

>

> I'm looking for the indices of a 2D array which satisfy a logical

> condition, so naturally I tried to use WHERE. However, I found that it

> returns the indices in 1D form. This is fine for subscripting, but

> actually I want to interpret the index values themselves. Is there a

> good way to convert these back to 2D format, or otherwise get around

> the problem of WHERE confounding my indices?

>

> Thanks,

> Chris

Chris,

see `ARRAY_INDICES`

Jean

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Subject: Re: Converting a 1D index into its original 2D index?

Posted by [Chris Chronopoulos](#) on Sat, 21 Nov 2009 02:44:34 GMT

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On Nov 20, 5:07 am, [jeanh](#)

<[jghasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com](mailto:jghasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com)> wrote:

> Chris Chronopoulos wrote:

>> Hello,

>

>> I'm looking for the indices of a 2D array which satisfy a logical  
>> condition, so naturally I tried to use WHERE. However, I found that it  
>> returns the indices in 1D form. This is fine for subscripting, but  
>> actually I want to interpret the index values themselves. Is there a  
>> good way to convert these back to 2D format, or otherwise get around  
>> the problem of WHERE confounding my indices?

>  
>> Thanks,  
>> Chris  
>  
> Chris,  
>  
> see ARRAY\_INDICES  
>  
> Jean

Ah, thanks guys! Just what I was looking for.

\_chris

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