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Subject: Re: about MIN of 2D array  
Posted by [Julia](#) on Tue, 29 Oct 2002 00:20:23 GMT  
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Thank you so much. It works!!!

Besides, can it be done in IDL5.4?

Regards,

Julia

"Mike Chinander" <mchinand@midway.uchicago.edu> wrote in message  
news:Bqiv9.43\$P4.10093@news.uchicago.edu...

> In article <apk9t5\$6pr\$1@dipsy.missouri.edu>,

> Julia <julia65201@yahoo.com> wrote:

>> hi, there,

>>

>> I have a queation about MIN.

>>

>> If I have a 2-dimension array, I want to get the value and position of  
>> minimum on each row. Is there a function in IDL can do this?

>>

>> Since for loop is not time efficient, so it is not suggested here.

>>

>> Any suggestion will be apprecaited.

>>

>> Regards,

>>

>> Julia

>>

>>

>

> In IDL 5.5 you can do:

>

> min\_row=min(array,index,dimension=1)

>

> min\_row will contain the min of each row and index will give the index of

> the min. The index value will be from 0 to number of elements in the

> array. If you want the column number that contains the minimum value for

> each row you can use:

>

> row\_index= index mod n\_cols

>

> where n\_cols is the number of columns in your array.

>

> Hope that helps,

>

> --Mike  
>  
>  
> --  
> Michael Chinander  
> m-chinander@uchicago.edu  
> Department of Radiology  
> University of Chicago

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