Subject: Re: XY position of subscripts
Posted by KH on Fri, 11 May 2012 16:02:40 GMT
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On May 11, 11:36 am, Mats Löfdahl <mats.lofd...@gmail.com> wrote:
> Den fredagen den 11:e maj 2012 kl. 17:14:27 UTC+2 skrev KH:
>
>> Hello,
>> I have a quick question I was hoping to get some help with.
>
>> Assuming you have a 2D array and then use WHERE to find specific
>> subscripts in the array, how can you convert those subscripts into X
>> and Y coordinates?
>
>> I feel like this is something I should know how to do, but I am
>> drawing a blank right now.
>> Thanks,
>> Kim
>
> Here's an example:
>
> IDL> Ni=10
> IDL> Nj=20
> IDL> A=bytarr(Ni,Nj)
> IDL> A[4,7]=1
> IDL> indx=where(A eq 1)
> IDL> print,A[indx mod Ni, indx / Ni]
>   1

Thanks for the reply, but what I am looking for are the X and Y
positions of where the array equals 1. So in your example, how would
I get X=4 and Y=7 from the subscripts generated by the WHERE command?
Kim