Subject: Re: 2d min
Posted by rogass on Thu, 13 Jan 2011 07:18:17 GMT
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On 12 Jan., 23:21, Gray <grayliketheco...@gmail.com> wrote:
> Hi all,
>
> I have a 3d array, NxNxM. What I would like is to find the minimum of
> each NxN slice, and note the index of the minimum in the slice. I can
> find my minimum by doing min(min(array,ind1,dim=1),dim=1,ind2), but
> I'm not sure how to turn those two index arrays into the indices that
> I need. Help...?
>
> Thanks!
>
> --Gray

Hi,
maybe I missed something, but why don't you use something like this:

```
IDL> a=randomn(seed,10,10,5)
IDL> min=min(a,dimension=3,ind)
IDL> help,min,ind
MIN             FLOAT     = Array[10, 10]
IND             LONG64    = Array[10, 10]
IDL> ind2=array_indices(size(a,/dimensions),ind,/dimensions)
IDL> help,ind2
IND2            LONG64    = Array[3, 100]
```

Is array_indices really to slow with the dimension keyword?

Cheers

CR