
Subject: Re: Iimage Command Line

Posted by [Jean H.](#) on Mon, 16 Oct 2006 17:55:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

StevenM wrote:

> I hope that someone can help me.
>
> I have a 3D array of data. I am trying to display this using iimage.
> When I use the command
> iimage, filename(*,*,30)
> I get the slice I want through the volume. But if I try to get the
> slice at another orientation i.e
> iimage, filename(30,*,*)
> I get an error message that says the first argument is invalid.
>
> If I use the tvscl command I get images in both orientations with no
> problems but I would rather use iimage as I find further manipulations
> are easier.
>
> Thanks in advance
>
> Steven
>

try iimage, REFORM(filename[30,*,*])

If you put a number in the first position, you will have an additional dimension of size 1.

a = indgen(10,10,10)

DL> help, a[*,*,1]

<Expression> INT = Array[10, 10]

IDL> help, a[2,*,*]

<Expression> INT = Array[1, 10, 10]

IDL help, reform(a[2,*,*])

<Expression> INT = Array[10, 10]

Jean
