
Subject: Re: contours and Z device

Posted by [dlhopols](#) on Mon, 06 Jul 1998 07:00:00 GMT

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Hi,

Roberto wrote:

> Hello, this little program attached works (under NT and Linux) with IDL
> 4.0.1, but not with IDL 5.0.2. It seems that when you are using the Z device
> and you ask the routine to plot a contour above the maximum value of your
> data, then an error occurs in version 5.0.2. Instead, it works fine with
> version 4.0.1. Any comment ?

There seems to be some trouble. I tried this program on SGI, IDL version 5.0
and after changing 'win' to 'X', I get an error on the contour call (here line
19) after set_plot 'z'.

```
---program--(spaces removed) -----
pro procont
nx=10
ny=10
zzm=dblarr(nx,ny)
xx=indgen(nx) & yy=indgen(ny)
zzm(*,*)=0.d0
zzm(5,5)= 1.d0
set_plot,'X'
contour,zzm,xx,yy,/fill,levels=2
set_plot,'z'
help,zzm,xx,yy
contour,zzm,xx,yy,/fill,levels=2
device, /close
end
---Result -----
%Compiled module: PROCONT.
IDL> procont
ZZM      DOUBLE  = Array[10, 10]
XX       INT     = Array[10]
YY       INT     = Array[10]
% Array dimensions must be greater than 0.
% Execution halted at: PROCONT      19 rbanc.pro
%                $MAIN$
```

Maybe this will help track down the problem?

Rose

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