
Subject: Re: Fatal Bug in CONTOUR

Posted by [Sebastian Moeller](#) on Mon, 08 Apr 2002 17:45:20 GMT

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Wolfgang.Dobler@kis.uni-freiburg.de wrote:

> Did anybody encounter this before:

>

> levs = alog(-2)*[1,2,3] & print, levs

> contour, randomu(!pi,10,10),LEVELS=levs

>

> hangs terminally (i.e. I cannot interrupt it and need to kill the IDL

> session). Happens with 5.4 and 5.2 (at least).

>

> Of course there is no point in contouring with all levels equal to

> NaNs. But I consider it a bad bug if my programs will hang terminally,

> just because I've fed them some bad data.

>

>

> W o l f g a n g

>

Hi there,

it seems that V5.5 solves your problem. It gives a nice error message and oes not hang, at least if the commands are given in the "command line" of the IDE. Here is the error message:

IDL Version 5.5, Microsoft Windows (Win32 x86). (c) 2001, Research Systems, Inc.

```
IDL> levs = alog(-2)*[1,2,3] & print, levs
```

```
      -NaN      -NaN      -NaN
```

```
% Program caused arithmetic error: Floating illegal operand
```

the contour command produces just an empty polot window (with axis), the IDE was not blocked.

Ahoi

Sebastian Moeller
