
Subject: IDL3.1: contour is broken (or sloooooooooow) !!!!
Posted by [peba1231](#) on Mon, 14 Jun 1993 11:00:22 GMT
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I installed IDL3.1 last week on my IBM RS/6000 (Mod.320). Today i tried to use the `enhanced' CONTOUR-routine in order to produce filled contour plots of my flow field:

```
IDL> CONTOUR, press, xc, yc, LEVELS=lvl, C_COLOR=colr, /FILL
```

press, xc and yc are all DBLARR(146, 362), i.e. the numerical grid is regular but curvilinear. WITHOUT the /fill-keyword, I get a nice contour plot, although it takes longer (compared to v3.0). WITH /fill I get --- nothing! The idl-process grows to about 9Mbytes and uses 50% CPU time (there is another job running on my machine):

```
24685 peba1231 92 0 15389K 7628K run 66:56 47.6% super
26893 peba1231 92 0 9443K 6752K run 41:51 47.2% idl
          ^^^^^
```

!!!! and still no contour plot

Is contour broken? Or maybe it uses MIN_CURV_SURF internally? I don't need this, the numerical results are sufficiently smooth. What's going on???

PLEASE HELP !!!

Thanks,

Peter

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```