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Subject: bug in CONTOUR

Posted by [paul](#) on Wed, 31 May 1995 07:00:00 GMT

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I've discovered a bug in CONTOUR which occurs when you try to use keywords C\_LABEL and DOWNHILL at the same time. The bug has the unfortunate side effect of corrupting your IDL session. So far it looks like the bug is independent of platform -- it occurs on either our DECSTATION or ALPHA workstations. Has anybody else ran across this one? Does anyone know if its fixed in version 4.0?

Here is the session log: [IDL. Version 3.6 (ultrix mipsel)]

```
.....  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
IDL> lev=indgen(14) & c_label=replicate(0,14)
```

```
IDL> contour,dist(20),levels=lev,/down ; works fine
```

```
IDL> contour,dist(20),levels=lev,c_label=c_label ; works fine
```

```
IDL> contour,dist(20),levels=lev,/down,c_label=c_label ; bombs out  
% Array has a corrupted descriptor: <No name>. ; IDL dumps core  
% Execution halted at $MAIN$ (CONTOUR). ; if you try to  
; do more work
```

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If I have seen farther than others, it is by standing on the shoulders of giants.		If I have not seen as far as others, it is because giants were standing on my shoulders.
Isaac Newton		Hal Abelson

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