
Subject: LABEL_REGION

Posted by [Hermann Mannstein](#) on Tue, 09 Jan 1996 08:00:00 GMT

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Hello,

LABEL_REGION (IDL 4.01) has a nasty behaviour :

```
IDL> d=361
IDL> a=(indgen(d,d) mod 2)^2
IDL> b=a*rotate(a,1) ; produce a dot-pattern
IDL> a=label_region(b)
Bus error(coredump)
```

if the number of regions exceeds 2^{15} (or something like this), it ends the IDL-session ungracefully. With $d=363$ I got a -- Memory fault(coredump) (on a SGI), with $d=361$ a Segmentation fault(coredump). Is there a version around, which allows for more regions - i. e. switches to long integer if necessary? or at least catches the error?

Thanks in advance

Regards,

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Hermann Mannstein Tel.: +49 8153 28-2503
Institut fuer Physik der Atmosphaere or -2558
DLR - Oberpfaffenhofen Fax.: +49 8153 28-1841
Postfach 1116 \ <mailto:H.Mannstein@dlr.de>
D-82230 Wessling \ 0 <http://www.op.dlr.de/~pa64>
Germany _____V|_____

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