Subject: Re: [Q}:Rubberbanding in IDL
Posted by rouse on Sat, 01 Apr 1995 08:00:00 GMT
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In article <D6B64n.CJ0@hpl.hp.com>, peter@hpl.hp.com (Peter Webb) writes:
|>Newsgroups: comp.lang.idl-pvwave
|>Path: lanews.la.asu.edu!news.asu.edu!asuvax!ncar!newshost.lanl.gov
!ferrari.mst6.lanl.gov!nntp-server.caltech.edu!netline-fddi.
jpl.nasa.gov!news.byu.edu!news.mtholyoke.edu!uhog.mit.edu!ne
ws.mathworks.com!news.duke.edu!agate!howland.reston.ans.net!
swrinde!sdd.hp.com!hplabs!hplntx!peter
|>From: peter@hpl.hp.com (Peter Webb)
|>Subject: Re: [Q}:Rubberbanding in IDL
|>Sender: news@hpl.hp.com (HPLabs Usenet Login)
|>Message-ID: <D6B64n.CJ0@hpl.hp.com>
|>Date: Fri, 31 Mar 95 07:12:23 MST
|>References: <3kjio3$fjn@nms.telepost.no> <3kjkos$qmk@nms.telepost.no>
<3ldd65INNksq@lanews.la.asu.edu>
|>Nntp-Posting-Host: oz.hpl.hp.com
|>Organization: Hewlett-Packard Laboratories, Palo Alto, CA
|>X-Newsreader: TIN [version 1.2 PL2]
|>Lines: 22
|>
|>
|>I'd post my favorite routine, but it's copywrite of my previous employer...
|>
|>A couple of tricks I found useful:
|>
|> Use device, /copy to write the image to a hidden pixmap, then you can
|> clean up the box during resizes by copying it back. This is faster
|> than rewriting the section you just drew a box on, since the x server
|> does it directly. You can drag a box around a 1024^2 image as fast as
|> you please. You also don't have to worry about off-by-one errors when
|> cleaning up, which tend to leave little goobers all over the image
|> (yes, I know, just don't make mistakes in the first place...).

Isn't the same thing accomplished by setting graphics to 6:

  device, get_graphics=old, set_graphics=6

|>
|> Using normalized co-ordinates, rather than device co-ordinates, cleans
|> up the code a bunch, especially if you need to calculate back to some
|> physical co-ordinates anyway. The advantage is that the code is
|> independent of image screen size.
|>
|>Email me if you want more details.

|>
|>Peter
|>
|>

- Roger

```
+----------------------------------------------------------- -+
|Roger B. Rouse                  + # # # .             |
|                          #          . +          |
|Arizona State University       #       + +     #          |
|Dept. Physics & Astronomy         + +   + #     +         |
|Tempe, Az, 85287-1504              +       +     #        |
|                          .     . @ .     .         |
|rouse@sevens.la.asu.edu          #     +       +          |
|                          +     # +   + +          |
|"The AscII Galaxy found           #     + +      .       |
| in the Local Network."           + .          #        |
|                               . # + # .      Rouse|
+----------------------------------------------------------- -+
```