
Subject: Re: Image slicing

Posted by [Tim Lamont-Smith](#) on Wed, 25 Aug 1999 07:00:00 GMT

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Gwyn Fireman wrote:

> Tim Lamont-Smith (tllsmith@dera.gov.uk) wrote:
> : What I would really like to be able to have is something a
> : little bit like LIVE_IMAGE, where it is possible to draw a
> : line on the image using the cursor, but then have the data
> : values along that line returned, and possibly have the
> : indices returned as well.
>
> Tim -
>
> I did this in 1993, IDL version 2. The procedure is heavily integrated
> into the calling application, and would take some work to make current and
> modular. If nobody else offers in a couple of days, I might just whip it
> into shape or send it to you as is.
>
> Hint: I use XOR graphics for the "rubber band" line, CURSOR to get the
> endpoints in device coordinates, converted to data coords myself, and
> found the coords between endpoints myself.

I wasn't familiar with XOR graphics, but it turned out to be straight forward once I looked at BOX_CURSOR. I pretty much followed the route you outlined. David Fannings tips on image profiles was also useful.

Thanks,

Tim

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