Subject: Re: fast magnification routine needed Posted by peter on Mon, 13 Jun 1994 16:34:38 GMT

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Victor Shvetsky (vshvetsk@fourier.oac.uci.edu) wrote:

- : I have a 20x20 array that I would like to magnify to 200x200
- : It works like this- as my cursor moves around the picture, that part of the picture is magnified in real time in a second window by a facvtor of ten (20->200)
- : Right now I am using the REBIN routine,, and I was wondering if there is anuything FASTER than that. Is it possible to STORE THE WHOLE image magnified into the memory and just display a part of it in the window- wouldiot be faster?
- : If so, what is the command that SAVES the image into the memory, because
- : I know to retrievce, I hhave to typre: tvrd
- : Thanks in advance

Victor,

By far the fastest way to copy images around is to let the X server take care of it. Assuming you have a displayed image, use TVRD to read the screen, then magnify the whole image with REBIN and display it in a hidden pixmap (see the /pixmap keyword to WINDOW). Then, use DEVICE, /COPY to copy sections of the pixmap to your displayed window. You should get real time performance this way.

Peter