
Subject: Re: fast magnification routine needed
Posted by [peter](#) on Mon, 13 Jun 1994 16:34:38 GMT
[View Forum Message](#) <> [Reply to Message](#)

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 anything 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 retrieve, I hhave to type: 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
