Subject: Re: Display two images on one position
Posted by Craig Markwardt on Wed, 02 Jan 2002 22:57:54 GMT
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"Emmler, Oliver" <oemmler@ix.urz.uni-heidelberg.de> writes:

>> But this goes even further afield from "easy" than my
>> previous example, so I'm not sure it would meet
>> your criteria. :-)
>
> Thanks. I tried using your procedures. The scaling of the colortable/images
> will cause the picture to lose details. I think i have to use the following
> loop. Is there any way to speed it up ?
>
> FOR x = 0,510 DO BEGIN
> FOR y = 0,510 DO BEGIN
> IF highlight(x,y) NE 0 THEN TV, highlight(x:x+1,y:y+1),x,y
> ENDFOR
> ENDFOR

This may seem obvious, but if you only want to update a part of an image, but keep the rest the same, why don't you keep a copy of the preexisting screen image in memory. I.e., if you want to keep the rest the same, then you better keep your own copy of the "rest." You could wrap this in your own TV-like function.

```
pro mytv, img, highlight
  common mytv_common, screenimg

  if n_elements(screenimg) EQ 0 then begin
    screenimg = img
  endif else begin
    wh = where(highlight, ct)
    if ct then screenimg(wh) = img(wh)
  endelse

  tv, screenimg
end
```

Of course this is all toy code here, you have to deal with cases like the image size changes, etc. Another possibility is to read the screen image every time using TVRD() but that can get to be hairy with true color, and/or a performance bottleneck.

Good luck,
Craig

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