

Subject: BMP to cursor bitmap

Posted by markb77 on Thu, 27 Sep 2007 20:55:51 GMT

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While figuring out how to change the mouse cursor in an IDLgrWindow object, I wrote this little routine which others may find useful. The input BMP file should be a 16x16 grayscale image. The outputs can be used for the IMAGE and MASK parameters to and IDLgrWindow object.

cheers,
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pro load_cursor_bitmap, bmpfile, cursor_bitmap, mask_bitmap

```
cursor img = read bmp(bmpfile)
```

mask_img = (cursor_img eq 0) or (cursor_img eq 255)

```
white_part = (cursor_img eq 255)
```

black_part = (cursor_img eq 0)

```
cursor_img = fix(black_part * 255)

cursor_byt = cvttobm(cursor_img)

cursor_bitmap = 256*cursor_byt[0,*] + cursor_byt[1,*]

mask_byt = cvttobm(mask_img)

mask_bitmap = 256*mask_byt[0,*] + mask_byt[1,*]

end
```
