

```

Wish $this is outlined green
When $this has region /r/ {
    Wish $this is labelled [regionToBbox $r]; # minX minY
    lassign [regionToBbox $r] minX minY maxX maxY
    Wish $this is labelled "width: [expr $maxX - $minX]"
}

```

```

set cc [c create]
defineImageType $cc

```

```

$cc include <stdlib.h>
$cc include <string.h>
$cc proc bw {image_t im} image_t {
    image_t ret;
    ret.width = im.width;
    ret.height = im.height;
    ret.components = 3;
    ret.bytesPerRow = ret.width * ret.components;
    ret.data = calloc(ret.bytesPerRow, ret.height);
    int b = ret.bytesPerRow * ret.height * 0.2;
    uint8_t L = 0xBB;

    memset(ret.data, L, b);

    for (uint32_t y = 0; y < im.height; ++y) {
        int R = 0;
        int G = 1;
        int B = 2;
        for (uint32_t x = 0; x < im.width; ++x) {
            int i = y * ret.bytesPerRow + x * ret.components;
            int j = y * im.bytesPerRow + x * im.components;
            ret.data[i + 0] = im.data[j + R];
            ret.data[i + 1] = im.data[j + G];
            ret.data[i + 2] = im.data[j + B];
        }
    }

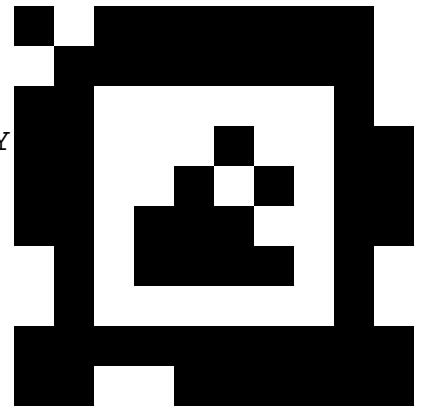
    return ret;
}

```

```

$cc compile

```



96 (Mon, 19 Dec 2022, 07:29:53 pm)