
Subject: Re: Frustrated by 2 Data Plotting problems
Posted by [Jeremy Bailin](#) on Thu, 26 May 2011 20:57:36 GMT
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```
> col=x*0
> nn=n_elements(h2)
> for b=0L, nn-1 do begin &$
>   w=histobin(ri1,b) &$
>   if w[0] ne -1 then col[w]=h2[b] &$
> endfor
```

Assuming that you can get the minimum x and y values (say minx and miny) and the bin size (say xbin and ybin) out of sshist_2d, then the following should work and be faster:

```
h2size = size(h2, /dimen)
col = h2[ floor((x-xmin)/xbin) + floor((y-ymin)/ybin)*h2size[0] ]
```

-Jeremy.
