
Subject: data coordinates thickness

Posted by [Helder Marchetto](#) on Wed, 18 Feb 2015 15:46:15 GMT

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Hi,

I'm drawing objects (polygon(), ellipse(), polyline()) on an image. The image has a specific data coordinates.

I *assume* that the thickness of a line is defined in device coordinates. Is there a way to get the thickness of a line in data coordinates?

Of course an approximation would be enough.

One way, would be to use the ConvertCoord method as such:

```
zero = obj->ConvertCoord(0, 0, /data, /to_device)
one  = obj->ConvertCoord(dataThickness, 0, /data, /to_device)
deviceThickness = one[0]-zero[0]
```

The assumption behind this is that the thickness is drawn in device coordinates. I guess this might be true for non zero values of the thickness (hairline) and maybe even for thicknesses of 1.

Can anybody confirm or correct the above statements?

Thanks,
Helder
