
Subject: Re: data coordinates thickness

Posted by [Helder Marchetto](#) on Wed, 18 Feb 2015 16:27:45 GMT

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On Wednesday, February 18, 2015 at 4:46:20 PM UTC+1, Helder wrote:

> 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

I just noticed that the maximum thickness is 10 (pixels?)... darn... I need something else and it's going to be difficult. Why limit to 10?

Cheers,
Helder
