

microsoft.public.dotnet.framework.drawing: Re: Draw a path with a Pen which has a width of 2?

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Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.drawing/2005-03/0118.html>

From: Frank Hileman (frankhil_at_no.spamming.prodigesoftware.com)

Date: 03/09/05

Date: Wed, 9 Mar 2005 08:52:16 -0800

For a circle or rectangle, your drawn area will be larger than the geometry (rectangle coordinates) by one half the pen width, in each direction. For a polyline the difference can be even greater, if you are not using a LineJoin of round, because of the pen mitering.

Regards,
Frank Hileman

check out VG.net: <http://www.vgdotnet.com>
Animated vector graphics system
Integrated Visual Studio .NET graphics editor

"Özden Irmak" <[ozdenirmak\(at\)isnet.net.tr](mailto:ozdenirmak(at)isnet.net.tr)> wrote in message
news:%23bf373KJFHA.1340@TK2MSFTNGP10.phx.gbl...

> Hi,
>
> I created a custom control and drawing it's border depending on the
> selection of BorderType...
>
> The border can also have different shapes such as Round, Circle,
> Rectangle, etc...
>
> When I draw this border, I first create a GraphicsPath outlining the
> border and than drawing the path using a pen object...
>
> The problem starts when my border width is bigger than 1 (Which is the Pen
> width). When I use a width of 2, the path is not drawn correctly. A part
> is drawn outer than visible area and more important for example circle
> shapes draw some extra lines, etc.
>
> I tried changin Pen Alignment but this has no effect...
>
> Is there any bug about this or am I missing something?
>
> Regards,
>
> Özden

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