

Re: How to print in full page without margins

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.drawing/2005-08/msg00057.html>

- *From:* "Judge" <Judge@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 7 Aug 2005 13:28:03 -0700
-

Hi Ron,

I found a great set of codes and article that you post in the other forum for getting the printer's hard margin through GetDeviceCaps.

I was able to retrieve the correct hard margins through GetDeviceCaps but I am unable to tell the printer to use that hard margins to draw maximum printable area. I have the following code for setting the margins.

```
IntPtr hDc = new IntPtr();
hDc = e.Graphics.GetHdc();
PrintUtil.GetHardMargins(hDc, ref leftHardMargin, ref topHardMargin, ref
rightHardMargin, ref bottomHardMargin);
e.Graphics.ReleaseHdc(hDc);
```

```
leftMargin = Convert.ToInt32(leftHardMargin);
topMargin = Convert.ToInt32(topHardMargin);
rightMargin = Convert.ToInt32(rightHardMargin);
bottomMargin = Convert.ToInt32(bottomHardMargin);
```

```
this.DefaultPageSettings.Margins = new
Margins(leftMargin, leftMargin, topMargin, topMargin);
```

```
this.OriginAtMargins = true;
Rectangle myRect = new Rectangle(leftMargin, topMargin, rightMargin,
bottomMargin);
```

```
e.Graphics.DrawRectangle(Pens.Black, myRect );
```

The printer cuts off the right side of the rectangle box. And the printer's left offset seems to be wider than the printer's actual printable area which I tested with left and right margin set to zero. So I can see where the printer starts printing on the page.

I have tried so many ways of setting printers margins but none seems to work.

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Furthermore, my way of setting margins have different effects on different printers.

Please help me figure out what is making this weird behavior.

Thanks in advance

"Ron Allen" wrote:

- > Most printers can't print all the way to the physical margins. You are
- > undoubtedly seeing the physical offset for the hard margins for your page.
- > You can PInvoke GetDeviceCaps to get the exact physical margins for the
- > printer drawing on a page and you could then scale the drawing so that all
- > your information will fit or just offset things if you don't need the actual
- > whole page size.
- > There are some printers that can print all the way to the margins for
- > larger paper but they tend to be very expensive.
- >
- > Ron Allen
- > "zhaunknown" <zhaunknown@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
- > news:AB95B24B-D809-4833-B4E7-AC6219F114D4@xxxxxxxxxxxxxxxxxxxx
- >> I set the DefaultPageSettings.Margins.Left/Right/Top/Bottom to 0, it
- >> doesn't
- >> seem to work for the Left margin for two printers (HP and Brother).
- >>
- >> Am I missing any other properties that should be set? Thanks a lot.
- >
- >
- >
- .

• **Follow-Ups:**

- ◆ **[Re: How to print in full page without margins](#)**
 ◇ From: Ron Allen
- ◆ **[Re: How to print in full page without margins](#)**
 ◇ From: SharpCoderMP

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