

Forum:[Hack Forums](#)

Thread: [Scroll drawn GDI in custom control](#)

VmX5 - April 4, 2017, 8:22 pm

Hey guys, I need some help :(

So I have a Custom Control :

PHP Code

```
<?php
```

```
Public Class RDrawing
```

```
    Inherits Control
```

```
End Class
```

And I draw a very large object (It's not really this large)

PHP Code

```
<?php
```

```
Public Class RDrawing
```

```
    Inherits Control
```

```
    Protected Overrides Sub OnPaint(e As PaintEventArgs)
```

```
        MyBase.OnPaint(e)
```

```
        e.Graphics.FillRectangle(Brushes.Red, 10, 10, 1000, 1000)
```

```
    End Sub
```

```
End Class
```

How could I get a scroll bar in order to scroll though the drawn graphics?

Note: The Control will be set at a specified size, ex: (100, 100) <--- Not big enough to see all the drawn graphics, In my case I might need drawn text so I can't resize the drawn graphics.

Thanks ~VmX5.

hfTP54 - April 4, 2017, 9:27 pm

Either add the v/h scrollbar control as a child control or emulate one yourself with hit-testing.

Draw everything on a bitmap.

Then, clip it to a rectangle which corresponds to your scroll bars and control width ie. the area which you want to show.

FUrther, clip the graphics of your control to the ClientRectangle of the control to avoid unnecessary drawing.

Then draw that bitmap at a location (-x,-y) where x and y are values of the scrollbars. Do this everytime the user scrolls.

VmX5 - April 4, 2017, 9:35 pm

(Apr 4, 2017 09:27 PM)hfTP54 Wrote: [\[CITE\]](#) Either add the v/h scrollbar control as a child control or emulate one yourself with hit-testing.

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Thanks for the reply, I'll try it out and post back with results soon (Tmrw probs)

Visual Freedom - April 5, 2017, 1:34 am

I often add a dynamic Y value for my controls and then write a custom scrollbar for this.

Zilog80 - April 5, 2017, 3:26 am

Put a panel control with AutoScroll = true; as UserControl container.

Example: <https://hackforums.net/showthread.php?tid=5458100>