

# TEXT CONTROL

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## Display scroll bars only if needed

Christopher Krause - 2015-01-27 - 0 Comments - in C#

```
private void textControl1_Changed(object sender, EventArgs e)
{
    RefreshScrollsVisibility();
}

private void RefreshScrollsVisibility()
{
    if ((textControl1.ViewMode == TXTextControl.ViewMode.PageView))
    {
        textControl1.ScrollBars = ScrollBars.Vertical;
    }
    else if (ConvertTwipsToPixels(GetTextHeight()) > textControl1.Height)
    {
        textControl1.ScrollBars = ScrollBars.Vertical;
    }
    else
    {
        textControl1.ScrollBars = ScrollBars.None;
    }
}

private int ConvertTwipsToPixels(int intPixels)
{
    System.Drawing.Graphics g = this.CreateGraphics();
    int value = ((int)((intPixels * (g.DpiX / 1440))));
    g.Dispose();
    return value;
}

private int GetTextHeight()
{
    if ((textControl1.Lines != null))
    {
```

```
int count = textControl1.Lines.Count;
if (count > 0)
{
    return textControl1.Lines[count].TextBounds.Bottom;
}

return 0;
}
```