
Subject: Re: Any function to draw gradient color?
Posted by [piratalp](#) on Mon, 10 Sep 2007 17:07:16 GMT
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mobilehunter wrote on Sat, 17 February 2007 11:24Hi Mirek,
This is my code modified from msdn examples. Hope i did the correct way. Btw where do you use GradientColor function?
edited: Ah sorry my code only fill to rectangular shape

```
void DrawRect(Draw& w,Rect rectClient,Color fromColor,Color toColor,int level)
{
    Rect rectFill;        // Rectangle for filling band
    float fStep;          // How large is each band?

    int iOnBand; // Loop index
    // Determine how large each band should be in order to cover the
    // client with 256 bands (one for every color intensity level)

    fStep = (float)rectClient.bottom / level*1.0f;

    // Start filling bands
    for (iOnBand = 0; iOnBand < level; iOnBand++)
    {
        // Set the location of the current band
        rectFill.Set(rectClient.left,rectClient.top+(int)(iOnBand * fStep),
        rectClient.right,rectClient.top+(int)((iOnBand+1) * fStep));
        w.DrawRect(rectFill, GradientColor(fromColor,toColor,iOnBand,level));
    }
}
```

example usage:

```
DrawRect(w,Rect(10,10,70,80),Yellow(),Black(),256);
```

There is a much easier way for drawing a gradient:

```
void DrawGradient(Draw &w, Rect r, Color c1, Color c2)
{
    int i;

    for (i = r.top; i <= r.bottom; i++)
        w.DrawLine(i, r.left, i, r.right, GradientColor(c1, c2, i - r.Top, r.Height()));
}
```

That's all

NOTE: I've just wrote it in seconds from what's in my mind, I've done a Ribbon Chameleon Skin for Ultimate++ that can render both Office 2003 and Office 2007 styles with any combination of colors, I would like to contribute it to Ultimate++ but I'll have to add some code to Chameleon to support very basic things like Palettes and also change some widgets that have no ChPaint calls, how can I stay in synch with development version (uvs?)? Mirek?

Regards, Mauricio
