
Subject: Re: Changing tree control style

Posted by [koldo](#) on Mon, 15 Nov 2010 16:05:56 GMT

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Quote:AFAIK it's not true. I've checked code in CtrlCore and it support dashed lines without Painter to be included, see DrawWin32.cpp @ 144 and DrawX11.cpp @ 307.

Hello Andrei

Sorry, it is not negative color, it is negative width. See this in DrawWin32.cpp @ 144: void SystemDraw::SetDrawPen(int width, Color color) {

```
...
if(width != lastPen || color != lastPenColor) {
    static int penstyle[] = {
        PS_NULL, PS_SOLID, PS_DASH,
#ifdef PLATFORM_WINCE
        PS_DOT, PS_DASHDOT, PS_DASHDOTDOT
#endif
    };
    HPEN oldPen = actPen;
    actPen = CreatePen(width < 0 ? penstyle[-width - 1] : PS_SOLID,
        width < 0 ? 0 : width, GetColor(color));
...
}
}
```

And this in DrawX1132.cpp @ 307, see variable "i": void SystemDraw::SetLineStyle(int width) {

```
...
if(width < PEN_SOLID) {
    static const char dash[] = { 18, 6 };
    static const char dot[] = { 3, 3 };
    static const char dashdot[] = { 9, 6, 3, 6 };
    static const char dashdotdot[] = { 9, 3, 3, 3, 3, 3 };
    static struct {
        const char *dash;
        int len;
    } ds[] = {
        { dash, __countof(dash) },
        { dot, __countof(dot) },
        { dashdot, __countof(dashdot) },
        { dashdotdot, __countof(dashdotdot) }
    };
    int i = -(width - PEN_DASH);
    ASSERT(i >= 0 && i < 4);
    XSetDashes(Xdisplay, gc, 0, ds[i].dash, ds[i].len);
}
XSetLineAttributes(Xdisplay, gc, max(width, 1),
    width < PEN_SOLID ? LineOnOffDash : LineSolid, CapRound, JoinRound);
}
```

A width == -3 means dashed, -4 means dotted, ..., all with a thin line.
