
Subject: Re: Strange issue with text in Painter
Posted by [Tom1](#) on Thu, 17 Jan 2019 07:44:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

mirek wrote on Wed, 16 January 2019 17:26 Just to be 100% sure that we are not reentrant...

```
HFONT GetWin32Font(Font fnt, int angle)
{
    LTIMING("GetWin32Font");
    static Atomic h;
    h++;
    static HFontEntry cache[FONTCACHE];
    ONCELOCK {
        for(int i = 0; i < FONTCACHE; i++)
            cache[i].font.Height(-30000);
    }
    HFontEntry be;
    be = cache[0];
    for(int i = 0; i < FONTCACHE; i++) {
        HFontEntry e = cache[i];
        if(i)
            cache[i] = be;
        if(e.font == fnt && e.angle == angle) {
            if(i)
                cache[0] = e;
            h--;
            VERIFY(h == 0);
            return e.hfont;
        }
        be = e;
    }
    LTIMING("GetWin32Font2");
    if(be.hfont)
        DeleteObject(be.hfont);

    be.font = fnt;
    be.angle = angle;
    be.hfont = CreateFont(
        fnt.GetHeight() ? -abs(fnt.GetHeight()) : -12,
        fnt.GetWidth(), angle, angle, fnt.IsBold() ? FW_BOLD : FW_NORMAL,
        fnt.IsItalic(), fnt.IsUnderline(), fnt.IsStrikeout(),
        fnt.GetFace() == Font::SYMBOL ? SYMBOL_CHARSET : DEFAULT_CHARSET,
        fnt.IsTrueTypeOnly() ? OUT_TT_ONLY_PRECIS : OUT_DEFAULT_PRECIS,
        CLIP_DEFAULT_PRECIS,
        fnt.IsNonAntiAliased() ? NONANTIALIASED_QUALITY : DEFAULT_QUALITY,
        DEFAULT_PITCH|FF_DONTCARE,
        fnt.GetFaceName())
```

```
);  
  
cache[0] = be;  
h--;  
VERIFY(h == 0);  
return be.hfont;  
}
```

Another thing to try is to change FONTCACHE value (e.g. set it to 2 4 8 16...)

Good morning!

There is no re-entry. VERIFY does not cause assertions.

BR, Tom
