
Subject: Re: Font alignment issues

Posted by [mirek](#) on Fri, 31 Jul 2009 18:03:56 GMT

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chickenk wrote on Wed, 29 July 2009 06:41luzr wrote on Tue, 28 July 2009 02:38OK, in that case, what is the result of LOGs if everything works (font > 12pt)?
Still the same:

```
xxxx
0
0
<sans-serif:12>
```

It looks like this never changes...

luzr wrote on Tue, 28 July 2009 02:38

Also, more logs (for case when it does not work):

```
void Font::SyncStdFont()
{
    DrawLock __;
    LOG(AStdFont());
    StdFontSize = Size(AStdFont.GetAveWidth(), AStdFont().Bold().GetCy());
}
```

```
void Font::SetStdFont(Font font)
{
    LOG("SetStdFont " << font);
    DrawLock __;
    static bool x;
    InitStdFont();
    AStdFont = font;
    SyncStdFont();
}
```

```
void Std(Font& font)
{
    LOG("Std: " << GetStdFont());
    if(IsNull(font))
        font = StdFont();
    if(font.GetFace() == 0)
        font.Face(GetStdFont().GetFace());
    if(font.GetHeight() == 0)
        font.Height(GetStdFont().GetHeight());
}
```

This I believe should fix the issue partially:

```
void Font::InitStdFont()
{
    ONCELOCK {
        DrawLock __;
        List();
        AStdFont = Arial(12);
        String name;
        int height = 0;
        GetStdFontSys(name, height);
        int q = FindFaceNameIndex(name);
        if(q > 0) {
            AStdFont = Font(q, max(height, 1));
        }
        SyncStdFont();
    }
}
```

I believe this will work, but is not the correct fix...

Mirek

The fix provokes an infinite loop in InitStdFont(), so that a segfault is thrown. Without the fix, but with the added LOG() :

- using 16pt font size:

```
name = xxxx
height = 0
q = 0
AStdFont = <sans-serif:12>
SetStdFont <sans-serif:12>
<sans-serif:12>
Std: <sans-serif:12>
Std: <sans-serif:12>
SetStdFont <sans-serif:16>
<sans-serif:16>
Std: <sans-serif:16>
Std: <sans-serif:16>
Std: <sans-serif:16>
Std: <sans-serif:16>
Std: <sans-serif:16>
[...]
```

- using 9pt font size:

```
name = xxxx  
height = 0  
q = 0  
AStdFont = <sans-serif:12>  
SetStdFont <sans-serif:12>  
<sans-serif:12>  
Std: <sans-serif:12>  
Std: <sans-serif:12>  
SetStdFont <sans-serif:11>  
<sans-serif:11>  
Std: <sans-serif:11>  
Std: <sans-serif:11>  
Std: <sans-serif:11>  
Std: <sans-serif:11>  
Std: <sans-serif:11>  
[...]
```

We have 11pt instead of 9 here! I believe that's the problem.

These are pixels, not points...

Mirek
