
Subject: Re: It's suspected to be an issue with Font.
Posted by [Lance](#) on Sat, 07 May 2011 15:39:12 GMT
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Sorry but it's getting more complicated than we had expected.

I did test on another Windows XP machine. Here is the font replacement table:

```
struct sRFace {
    const char *name;
    dword l, h;
} sFontReplacements[] = {
    { "sans-serif", 0xffee0008, 0xdc000801 },
    { "Arial", 0xfffe0000, 0x09c00080 },
    {"\346\226\260\345\256\213\344\275\223", 0xfd800000, 0x09ffff00 },//SimSun (or New Song Ti)
    {"\345\256\213\344\275\223", 0xfd800000, 0x09ffff00 }, // Song Ti
    {"\345\276\256\350\275\257\351\233\205\351\273\221", 0xfd800000, 0x09ffff00 }, //MS Ya Hei
    {"\351\273\221\344\275\223", 0xfd800000, 0x09ffff00 }, // Hei Ti

    { "Arial Unicode MS", 0xfffc3fef, 0xfa7ff7e7 },
    { "SimSun", 0xfd800000, 0x09ffff00 },
    { "MS UI Gothic", 0xffc01008, 0x0fffff00 },
    { "MS Mincho", 0xffc01008, 0x0fffff00 },
    { "WenQuanYi Zen Hei Mono", 0xfd800000, 0x0ae7ff7e },
    { "WenQuanYi Zen Hei", 0xfd800000, 0x0ae7ff7e },
    { "VL Gothic", 0xfd800000, 0x09a7ff80 },
    { "VL PGothic", 0xffe00008, 0x0de7ff80 },
    { "UnDotum", 0xe5800000, 0x0aa7ff7e },
    { "UnBatang", 0xe5800000, 0x0aa7ff7e },
    { "DejaVu Sans Mono", 0xffec0004, 0x0fc00080 },
    { "DejaVu Sans", 0xfffd000c, 0x0fc40080 },
    { "AlArabiyaFreeSerif", 0xffdc0008, 0xd8000007 },
    { "Kochi Mincho", 0xffdc0008, 0xd8000007 },
    { "Kochi Gothic", 0xffdc0008, 0xd8000007 },
    { "Sazanami Mincho", 0xffdc0008, 0xd8000007 },
    { "Sazanami Gothic", 0xffdc0008, 0xd8000007 },
    { "Gulim", 0xf7c00000, 0x0ba7ff7e },
    { "PMingLiU", 0xff800000, 0x09ffff00 },
    { "FreeSans", 0xfff23d00, 0x0fc00000 },
    { "FreeSerif", 0xfffd3938, 0x0fc00080 },
    { "Symbol", 0xe4000000, 0x88000002 },
};
```

Here is the result of font enumeration on the machine:

STDFONT
Times New Roman

Arial
Courier New
Symbol
Wingdings
Tahoma
System
Terminal
Fixedsys
Roman
Script
Modern
Small Fonts
MS Serif
WST_Czec
WST_Engl
WST_Fren
WST_Germ
WST_Ital
WST_Span
WST_Swed
Courier
MS Sans Serif
Marlett
Lucida Console
Lucida Sans Unicode
Verdana
Arial Black
Comic Sans MS
Impact
Georgia
Franklin Gothic Medium
Palatino Linotype
Trebuchet MS
Webdings
Estrangelo Edessa
Gautami
Latha
Mangal
MV Boli
Raavi
Shruti
Tunga
Sylfaen
Microsoft Sans Serif
Arial Unicode MS
Book Antiqua
Bookman Old Style
Century

Century Gothic
Garamond
MS Outlook
Wingdings 2
Wingdings 3
MS Reference Sans Serif
MS Reference Specialty

Haettenschweiler
Bookshelf Symbol 7
Bitstream Vera Sans
Bitstream Vera Serif
Bitstream Vera Sans Mono
Myriad Web Pro
Myriad Web Pro Condensed
Arial Narrow
Kartika
Vrinda
Lucida Sans
Free 3 of 9 Extended
Free 3 of 9
DejaVu Sans Condensed
DejaVu Serif
DejaVu Serif Condensed
DejaVu Sans Mono
DejaVu Sans
DejaVu Sans Light
OpenSymbol
MS Mincho
MS PMincho
MS Gothic
MS PGothic
MS UI Gothic
Gulim
GulimChe
Dotum
DotumChe
Batang
BatangChe

Gungsuh
GungsuhChe

MingLiU
PMingLiU

f.GetFaceName() = Arial Unicode MS
f.GetFaceName() = Arial Unicode MS
f.GetFaceName() = Arial Unicode MS
f.GetFaceName() = Arial Unicode MS

And here is the font substitution report:

f.GetFaceName() = Arial Unicode MS
f.GetFaceName() = MS UI Gothic
f.GetFaceName() = Arial Unicode MS
f.GetFaceName() = Arial Unicode MS

SimSun and Song Ti are skipped even though the font are present in the system and they are supposed to take precedence over Arial Unicode MS and MS UI Gothic. The more weird thing is it works just fine on Windows Vista and Ubuntu. Will do a test on a Windows 7 Machine.