Subject: Re: Howto export japanese word to pdf?
Posted by mirek on Sun, 21 Jan 2007 08:20:47 GMT
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Quote:
Then i changed DrawText.cpp, GetPage function.

```
ptr->GetMetrics(page, ptr->default_width);
//ptr->GetMetrics(140, ptr->default_width);
/*for(int i = 0; i < 256; i++)
 if(ptr->default_width[i].width) {
  for(int j = 0; j < 256; j++)
  ptr->default_width[j] = ptr->default_width[i];
  break;
       }*/
```

I don`t know my changes will break everything, but the result is better.

Well, the purpose of that code is to save the space needed for character widths for CJK fonts (as all glyphs seem to be monospaced).

Unfortunately, the code was designed for chinesse glyphs (tries to read specific characters starting at unicode 140*256) and very likely these characters are missing in PMincho.

BTW, it is also interesting that widths are correct when the font is accessed as Arial - most likely in that case, some other font is used there to provide chinesse chars.

Anyway, I guess we should try to fix this for PMincho as well. What we need to have there is the correct monospaced width of CJK glyph. Any ideas?

Can you check whether width is gound (break is taken)?

Thinking about it, perhaps we should simply check the first 'page' used instead of 140:

```
FontInfo::CharMetrics *FontInfo::GetPage(int page) const
{
 if(page >= 46 && !ptr->default_width) {
  ptr->default_width = new CharMetrics[256];
  ptr->GetMetrics(page, ptr->default_width);
  for(int i = 0; i < 256; i++)
   if(ptr->default_width[i].width) {
    for(int j = 0; j < 256; j++)
     ptr->default_width[j] = ptr->default_width[i];
    break;
   }
```

```
 }
 CharMetrics *& cm = ptr->width[page];
 if(!cm) {
  cm = new CharMetrics[256];
  ptr->GetMetrics(page, cm);
  if(page == 1)
   ComposeMetrics(ptr->font, cm);
  if(page >= 46) {
   for(int i = 0; i < 256; i++) {
    if(!(cm[i] == ptr->default_width[i]) && cm[i].width)
     return cm;
   }
   delete[] cm;
   cm = ptr->default_width;
  }
 }
 return cm;
}
```

Can you check please?

Mirek

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