
Subject: Re: Basic character set analyzer
Posted by [cbpporter](#) on Sun, 25 Jan 2009 09:14:26 GMT
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I experimented a lot today with writing a new diacritics composer. I thought since it is so hard to get the problematic fonts look right, I would write something that would work fine for non-problematic fonts and then try to figure out where the difference is. I obtained a very basic version which draws diacritics by composition, even if precomposed character are available in font. I used step by step comparison to try to get the proportions right.

And even though I succeed in most cases, it is very hard to determine a general formula based only on character height, ascent and descent. I will need base height and x-height also. Looking over XGlyphInfo it seems that it is possible to get the exact height and width of a given character.

Also, using the macron character will yield uniformly horrible results, so I replaced it with a basic '·'.