

Queries

Editor's note: When answering a query, please send a copy of your answer to the TUGboat editor as well as to the author of the query. Answers will be published in the next issue following their receipt.

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MusiX_{TEX}: How many fonts are acceptable?

I have found problems with slurs in MusiX_{TEX} when the altitude difference between slur begin and slur end is $> 16 \backslash \text{Internote}$ (i.e. more than one octave). But many scores need a larger slur extension. This can be done by splitting all slur fonts having 128 characters of the same convexity and slope into two fonts of 256 characters.

But the consequence is that the number of fonts will go from approximately 70 to 140 fonts, knowing that at the present time *all* fonts are invoked as TFMs when loading `musixtex.tex`.

So, here is my question to all T_EXers (musicians or *not*):

Do you know of a current implementation of T_EX or any drivers which would be limited to 128 different fonts (instead of the usual value of 256)?

Here are the options:

- If everybody accepts 256 fonts of 255 characters, all is OK.
- If some people are limited to 128, I must maintain a “poor man's version” of MusiX_{TEX} using *not more* than 128 fonts at a time.

Thanks in advance.

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