NAME

ot2kpx − extract kerning information from an OpenType font

SYNOPSIS

ot2kpx *font*

DESCRIPTION

In many OpenType fonts, most kerning data is stored in the 'GPOS' table rather than in the 'kern' table. **ot2kpx** extracts the kerning data from both tables and prints it (in *afm* format) to `stdout`.

RESTRICTIONS

- **ot2kpx** prints data from all features named 'kern', regardless of script and language. Maybe it would be better to let the user choose a script and language (defaulting to 'latn' and 'DFLT') and print only the kerning data from features associated with these values.
- **ot2kpx** uses only the XAdvance data associated with the first glyph in any kerning pair; all other data in the ValueRecords is ignored. I'm not sure whether this is The Right Thing to Do; however, almost always there is no other data, so this approach gives correct results (in fact, the only font I know of that does contain data other than XAdvance is Linotype Palatino; this also contains XAdvDevice data, which is used (according to the OpenType specification) to *'define subtle, device-dependent adjustments at specific font sizes or device resolutions'*. Since there is no way to express such adjustments in *afm* format, ignoring them seems to be the only option.)

SEE ALSO

afm2afm, *autoinst*, *cmap2enc*, *font2afm*, *pfm2kpx*.

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HISTORY

2005−01−10 First version

2005−02−18 Rewrote some of the code

2005−03−08 Input files searched via **kpsewhich** (where available)

2005−03−15 Input files searched using **kpsewhich** or **findtexmf**

2005−03−21 Test if GPOS table is present before trying to read it

2005−04−29 Improved the documentation

2005−05−25 Changed warning that's given when the font contains no GPOS table, to an informational message.

2005−07−29 A few updates to the documentation