

The HEP-FONT package*

Latin modern extended by computer modern

Jan Hajer[†]

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Abstract

The HEP-FONT package loads standard font packages and extends the usual latin modern implementations by replacing missing fonts with computer modern counterparts.

The package is loaded using `\usepackage{hep-font}`.

size The `size=<size>` option loads the specified font size. The possible *<sizes>* are: `8pt`, `9pt`, `10pt`, `11pt`, `12pt`, `14pt`, `17pt`, `20pt` and `default` deactivates this switch. The default value is 11 pt.

sans The `sans` option switches to sans-serif font instead of serif font.

oldstyle The `oldstyle` option switches to oldstyle numerals such as 123 in text mode instead of lining numerals such as 123.

The FONTENC package [1] with T1 and TU font encoding is loaded for pdfTEX and LuaTEX, respectively.

Some restrictions of computer modern (CM) fonts are lifted with the FIXCM package [2].

The MICROTYPE [3] optimizations are activated.

The LATEX new font selection scheme is extended with the NFSSEXT-CFR package [4].

The latin modern font is loaded using the CFR-LM [5] and LMODERN [6] packages for pdfTEX and LuaTEX, respectively.

The text companion fonts are loaded [7].

`\textsc` Bold **SMALL CAPS** and a sans serif **SMALL CAPS** based on the CM font [8] is provided, the latter using the SANSMATHFONTS [9] and HFOLDSTY [10] packages.

`\textui` A sans-serif upright italic font is provided using the SANSMATHFONTS package [9].

Finally the INPUTENC package [11] with the `utf8` option is loaded.

References

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*This document corresponds to HEP-FONT v1.2.

[†]jan.hajer@tecnico.ulisboa.pt

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- [11] *LaTeX Team*. ‘The `inputenc` package: Accept different input encodings’ (1989). CTAN: `inputenc`.