Control the Scaling for the Latin Modern Fonts

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1   Descriptions

We provide a mechanism for scaling the typeface.

It is directed to Latin Modern fonts. It provide the following files: fd and sty. This mechanism is useful in mixed text composition. For example: Japanese–Latin.

2   Requirements

- the Latin Modern fonts

3   Usage

3.1   Preamble

```
\usepackage{lmodern}
\usepackage[T1]{fontenc}
\usepackage{amsmath}
\usepackage{amssymb}
\usepackage[scale=1.09,ttscale=1.12]{variablelm}
```

Remark: `amsmath` is for `\big`, `\Big`, `\bigg`, etc.

3.2   Options

- `scale`: Roman, italic, bold, bold italic, small caps

- `ttscale`: fixed (`\ttfamily`)

- `sfscale`: sans-serif (`\sffamily`)

- `encoding`: font encoding (default: T1)

- `variablett`: same the lmodern.sty

- `lighttt`: same the lmodern.sty

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4   License

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