

The STEP fonts

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The STEP fonts are a free Times-like (i.e., Times replacement) font family, implementing a design first created for *The Times* of London in 1932. These fonts are meant to be compatible in design with Adobe's digitization of Linotype Times, which is commonly used in desktop publishing.

1 Usage

To use the STEP fonts, load the \LaTeX package `step`, optionally with `stix` for math.

```
\usepackage{step}\usepackage[notext]{stix}
```

To get superior figures in text, add:

```
\usepackage[supstfm=STEP-Regular-sup-t1]{superiors}
```

If you are using $\text{Lua}\LaTeX$ or $\text{Xe}\LaTeX$, you may use the Unicode version of STEP with `fontspec`, along with XITS for math (using `unicode-math`).

```
\usepackage{fontspec,unicode-math}\setmainfont[ ]{STEP}  
\setmathfont[StylisticSet=0]{XITS Math}  
\setmathfont[range={\mathcal,\mathbfcal},StylisticSet=1]{XITS Math}
```

When using `fontspec`, all font options are handled according to that package's functions. See its documentation for details.

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1.1 Package options

Package Option	Feature
<code>lining</code>	Use lining figures (default) 1234567890
<code>oldstyle</code>	Use old-style figures 1234567890

1.2 Text Commands

Text Command	Feature
<code>\lining{}</code>	Use lining figures 1234567890
<code>\oldstyle{}</code>	Use old-style figures 1234567890
<code>\textsc{}</code>	Use small caps (regular font only) ABCDE\$&
<code>\textsu{}</code>	Use superior figures ¹²³⁴⁵⁶⁷⁸⁹⁰
<code>\textin{}</code>	Use inferior figures ₁₂₃₄₅₆₇₈₉₀

1.3 Greek text fonts

As a matching Greek text font, I recommend using `txfontsb` or `tempora`, which provide good support for monotonic and polytonic Greek, or the beta version of STEP Greek, which only includes a regular upright font at writing (with full polytonic support). You can access these by adding the following to your preamble (choosing one of `txrc`, `Tempora-TLF`, or `STEPGreekTest-TLF`):

```
\usepackage{substitutefont}
\substitutefont{LGR}{\rmdefault}{<fontname>}
```

If you are using the OpenType version of STEP, I recommend you use the Babel function for language-specific OpenType fonts (covered in detail in the `babel` documentation). For a test version of the new STEP Greek font, available on GitHub,¹ use:

```
\babelfont[greek]{rm}[] {STEPGreekTest}
```

2 Contributing

Contributions to the fonts and their L^AT_EX support may be sent as pull requests to the project's GitHub repository.²

¹<https://github.com/dbenjaminmiller/STEPGreekTest>

²<https://github.com/dbenjaminmiller/step>

3 Licensing

STEP is licensed under the Open Font License (OFL) version 1.1; see `STEP-COPYING` for details.