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 \texttt{La}\texttt{TeX} package \texttt{step}, optionally with \texttt{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 Lua\texttt{La}\texttt{TeX} or \texttt{Xe}\texttt{La}\texttt{TeX}, you may use the Unicode version of STEP with \texttt{fontspec}, along with XITS for math (using \texttt{unicode-math}).

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

When using \texttt{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

<table>
<thead>
<tr>
<th>Package Option</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>lining</td>
<td>Use lining figures (default) 1234567890</td>
</tr>
<tr>
<td>oldstyle</td>
<td>Use old-style figures 1234567890</td>
</tr>
</tbody>
</table>

1.2 Text Commands

<table>
<thead>
<tr>
<th>Text Command</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>\lining{}</td>
<td>Use lining figures 1234567890</td>
</tr>
<tr>
<td>\oldstyle{}</td>
<td>Use old-style figures 1234567890</td>
</tr>
<tr>
<td>\textsc{}</td>
<td>Use small caps (regular font only) ABCDES&amp;</td>
</tr>
<tr>
<td>\textsu{}</td>
<td>Use superior figures 1234567890</td>
</tr>
<tr>
<td>\textin{}</td>
<td>Use inferior figures 1234567890</td>
</tr>
</tbody>
</table>

1.3 Greek text fonts

As a matching Greek text font, I recommend using txfonts\fontb 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, use:

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

2 Contributing

Contributions to the fonts and their \LaTeX support may be sent as pull requests to the project’s GitHub repository.¹

¹https://github.com/dbenjaminmiller/STEPGreekTest
²https://github.com/dbenjaminmiller/step
3 Licensing

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