STIX Fonts

STIX Font Release Documentation

Version 1.1.1-latex

7/31/2014

AIP Publishing

ACS Chemistry for Life™

AMS American Mathematical Society

IEEE

APS physics
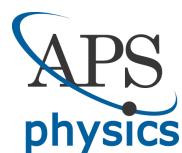
ELSEVIER

Introduction

The Scientific and Technical Information eXchange (STIX) font is intended to solve the publishing needs of authors, publishers, printers, and others working in the scientific, medical, and technical fields. It is intended as a comprehensive Unicode based font of mathematical symbols and alphabets. The intent is to provide a single font that can be used throughout the production process. The production process can be a traditional print one, be entirely electronic, or be a combination. The font is available royalty-free under the SIL Open Font License.

The project began through the joint efforts of American Mathematical Society (AMS), American Institute of Physics Publishing (AIP), American Physical Society (APS), American Chemical Society (ACS), Institute of Electrical and Electronic Engineers (IEEE), and Elsevier Science. These companies are collectively known as the STI Pub companies.

What is new in this release?

Version 1.1.1-latex is a bug fix release that fixes a bug in the stix package when used with some babel language definition packages.

What is provided in this release?

Two folders are provided in this distribution. They are
- Fonts
- License

The stix-tds sub-folder of Fonts contains the LaTeX distribution and conforms to the TeX Directory Structure hierarchy. (http://ctan.open-source-solution.org/tds/tds.html). Within this hierarchy, the LaTeX package, font support files and documentation can be found. We suggest you review the documentation (stix-tds/doc/latex/stix/stix.pdf) for usage and technical information.

The font is distributed under the "SIL Open Font License, Version 1.1". A copy of the license is in the separate License folder included with this distribution.

Font implementation decisions

This release is intended to provide core level of support of the STIX fonts in LaTeX using modern TeX engines with the goal of producing high-quality PDF or PostScript files. Glyphs in this release are accessed via TFM files using Type 1 PostScript fonts, not True Type or Open Type.

Font installation help

For help installing STIX fonts, please refer to http://www.stixfonts.org/install.html which contains useful links and information.

Feedback

Please direct any questions or general comments to the STIX Fonts project. Bug reports and technical support issues should be reported through https://sourceforge.net/projects/stixfonts/support.