

NAME

amstex – structured text formatting and typesetting

SYNOPSIS

amstex [first line]

DESCRIPTION

This manual page is not meant to be exhaustive. The complete documentation for this version of $\text{T}_{\text{E}}\text{X}$ can be found in the info file or manual *Web2C: A TeX implementation*.

The $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$ language is described in the book *The Joy of TeX for troff*. $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$ is a $\text{T}_{\text{E}}\text{X}$ macro package, not a modification to the $\text{T}_{\text{E}}\text{X}$ source program, so all the capabilities described in $\text{t}_{\text{e}}\text{x}(1)$ are present.

The $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$ macros encourage writers to think about the content of their documents, rather than the form. The ideal, not always realized, is to have no formatting commands (like “switch to italic” or “skip 2 picas”) in the document at all; instead, everything is done by specific markup instructions: “emphasize”, “start a section”.

$\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$ is the official typesetting system of the American Mathematical Society, and nearly all of its publications are typeset using $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$. The online version of AMS Math Reviews uses $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$ input syntax for display of mathematical material. AMS authors can provide editors with computer-readable $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$ files.

For authors more familiar with $\text{L}_{\text{A}}\text{T}_{\text{E}}\text{X}$, an AMS-supported package called *amsmath.sty* is available.

FILES

amsguide.tex

Documentation for $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$, typesettable by $\text{T}_{\text{E}}\text{X}$.

amfndoc.tex

Documentation for AMS fonts, typesettable by $\text{T}_{\text{E}}\text{X}$.

SEE ALSO

latex(1), **tex(1)**, **slitex(1)**.

Michael Spivak, *The Joy of TeX for troff*, 2nd edition, Addison-Wesley, 1990, ISBN 0-8218-2997-1.