

**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 T<sub>E</sub>X*.  $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$  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 `tex(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”.

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

**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 T<sub>E</sub>X*, 2nd edition, American Mathematical Society, 1990, ISBN 0-8218-2997-1.