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MAE 2.0: Product Description (3/95)

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TOPIC -----

This article is a description of Macintosh Application Environment (MAE) version 2.0.

DISCUSSION -----

Macintosh Application Environment (MAE) -- the virtual Macintosh for open systems -- is an innovative software product that provides a complete Macintosh environment in an X Window, allowing you to run Macintosh 680x0 applications right on your workstation.

MAE brings the functionality and ease of use of the Macintosh computer to Sun Microsystems SPARCstations running the SunSoft Solaris operating system, as well as to Hewlett Packard (HP) Series 700 workstations running HP-UX.

Version 2.0 extends the power of MAE with the inclusion of AppleTalk networking, making it easy to share printers, files, and email with other Macintosh and MAE users on a network. Other new features include support for MacTCP, dramatic performance gains, support for Macintosh sound-based applications, and much more.

Since MAE is based on Macintosh System 7.1 (and includes several handy features of Macintosh System 7.5), you can run the most popular off-the-shelf Macintosh software -- including popular spreadsheet, desktop publishing, word processing, graphics, email, calendar, and business applications -- on your workstation.

MAE also seamlessly integrates with the UNIX environment, allowing you to copy and paste text and graphics between UNIX and Macintosh applications. MAE lets you open UNIX files (including NFS-mounted volumes), access UNIX applications through the Macintosh interface, and use system services (such as UNIX PostScript printers). And support for MacTCP allows access to the Internet and TCP/IP-based applications.

Features

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It's a virtual Macintosh

- Supplies the Macintosh graphical user interface and desktop manager in an X Window
- Provides the Macintosh System 7.1 environment
- NEW! Offers several features of Macintosh System 7.5
- Allows you to cut and paste data between Macintosh applications
- NEW! Lets you resize the Macintosh X Window to any size -- without restarting MAE

It runs Macintosh applications

- Lets you run off-the-shelf Macintosh software applications
- NEW! Offers Dynamic Recompilation for performance gains of more than 50%
- NEW! Supports Macintosh sound-based applications
- NEW! Includes QuickTime Player and HyperCard Player software

Integrates smoothly with UNIX

- Provides an easy-to-use Macintosh interface to navigate local and NFS-mounted UNIX files
- Allows access to UNIX resources and services from within the MAE X Window
- Lets you copy and paste text and graphics between the UNIX and Macintosh environments
- Prints UNIX and Macintosh files on printers that support PostScript using the Apple Chooser and the Print command

It makes networking easy

- NEW! Makes MAE-to-Macintosh networking easy with built-in support for AppleTalk
- Lets you share documents, email, and printers with Macintosh users and other users of MAE
- NEW! MacTCP support allows access to the Internet and TCP/IP-based applications
- Takes advantage of NFS (Network File System), allowing file sharing and file services across the network
- Displays and allows manipulation of remote as well as local Macintosh and UNIX files and applications
- NEW! Offers better support for remote file access under NFS

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