



Overview

MacDFT™ is a full-function 3270 terminal emulation program that enables personal computers in the Macintosh® II family of systems to communicate with IBM mainframes. This application provides both Control Unit Terminal (CUT) and Distributed Function Terminal (DFT) emulation of IBM 3270 Information Display Systems.

The MacDFT application software works with the Apple® Coax/Twinax Card to allow single-session CUT emulation or up to five-session DFT 3270 emulation. Files can be transferred to or from mainframes running VM/CMS or MVS/TSO using the IBM IND\$FILE package. MacDFT supports text, binary, and MacBinary file transfers.

MacDFT stays active in the background under MultiFinder.™ Copy and paste functions between the Macintosh and mainframe applications are supported using the Clipboard. This allows the user to transfer data easily between an application on the mainframe and a local application on the Macintosh desktop.

Features

Benefits

▶ 3270 Information Display Systems emulation

▶ Allows access to 3270 applications and data on IBM mainframes.

▶ Support for 3270 screen formats 2, 3, 4, and 5

▶ Supports standard application screen layouts.

▶ Distributed Function Terminal (DFT) support

▶ Displays up to five separate 3270 sessions simultaneously.

▶ Integrated file transfer between Macintosh II systems and IBM mainframes running VM/CMS or MVS/TSO

▶ Permits transfer of files between Macintosh II computers and IBM mainframes (file transfer based on IBM's IND\$FILE).

▶ Keyboard remapping

▶ Enables users to assign function keys to 3270 applications.

▶ Keystroke record and playback

▶ Allows definition of a string of frequently used keystrokes.

▶ Supports both the Apple Coax/Twinax Card and the Apple TokenTalk™ NB Card

▶ Provides software portability between coax and Token-Ring connections for Macintosh II systems.

Apple 3270 API

Overview

The Apple 3270 API, a high-level application programming interface, gives application developers a consistent platform for developing customized 3270 applications.

Because the Apple 3270 API is based on the IBM 3270 PC High-Level Language Application Programming Interface (HLLAPI), application programmers can apply their knowledge of HLLAPI to develop Macintosh-to-mainframe applications.

The API is designed to allow terminal emulators, file-transfer programs, and other Macintosh applications and tools, such as CL/1™ and MacWorkStation,™ to use the 3270 services without being aware of the physical network connection details of coax, Token-Ring, and SDLC.

The Apple 3270 API establishes and terminates sessions with a mainframe, maintains context separation between multiple mainframe sessions, and sends 3270 keystrokes to the mainframe.

Features

▶ The 3270 application programming interface

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▶ Mapped to IBM's HLLAPI

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▶ Support for the Apple Coax/Twinax Card and the Apple TokenTalk NB Card

Benefits

▶ Enables third-party developers and information systems application programmers to provide consistent Macintosh-to-IBM value-added applications.

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▶ Allows developers to leverage 3270/SNA expertise.

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▶ Allows applications written to the API to be portable across key IBM standard data links.



MacDFT and Apple 3270 API

System Requirements

To use MacDFT, you'll need:

- ▶ A personal computer in the Macintosh II family of systems

- ▶ System Software Version 6.0.3 or higher
- ▶ An Apple Coax/Twinax Card or an Apple TokenTalk NB Card

On the IBM host, you must have one of the following IBM file-transfer software products:

- ▶ 5665-311 (MVS/TSO)
- ▶ 5664-281 (VM/CMS)

Ordering Information

MacDFT

Order No. M0695

With your order, you'll receive:

- ▶ MacDFT software
- ▶ *MacDFT User's Guide*
- ▶ Limited warranty statement

Apple 3270 API

- ▶ The Apple 3270 API package, which includes header files, code, and reference manual, is available from:

Apple Computer, Inc.
Apple Software Licensing
10431 North De Anza Blvd.
Cupertino, CA 95014
(408) 974-4667