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	

Apple Computer, Inc.

20525 Mariani Avenue
Cupertino, CA 95014
(408) 996-1010
TLX: 171-576

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Apple3270API

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.

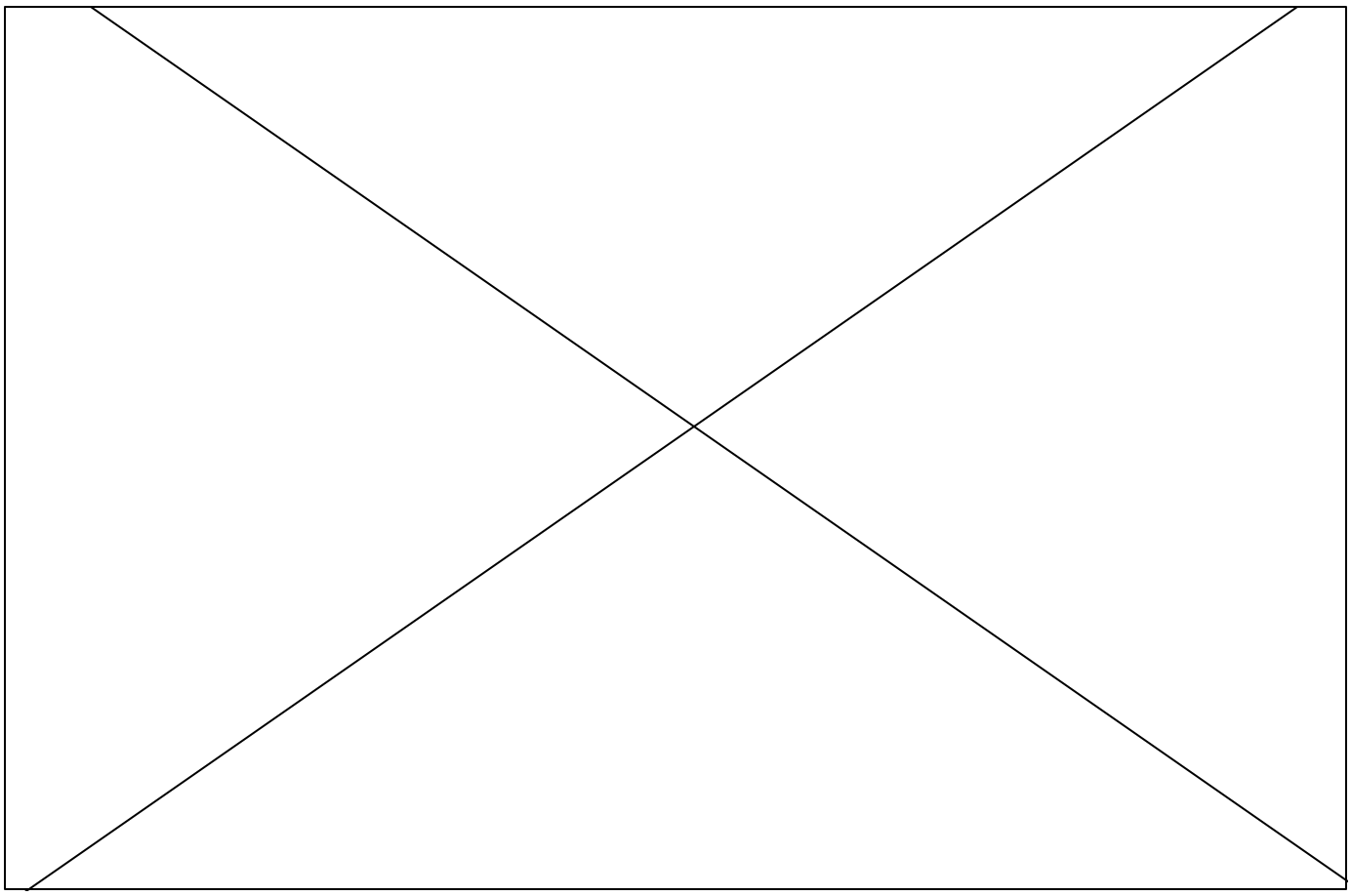
The API is designed to allow terminal emulators, file-transfer programs, and other Macintosh applications and tools, such as CL/1™ and MacWorkStation™, to use the 3270 services without being aware of the physical network connection details of coax, Token Ring, and SDLC.

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

Features	Benefits
· The 3270 application programming interface	· Enables third-party developers and information systems application programmers to provide consistent Macintosh-to-IBM value-added applications.
· Mapped to IBM's HLLAPI	· Allows developers to leverage 3270/SNA expertise.
· Support for the Apple Coax/Twinax Card and the Apple TokenTalk NB Card	· Allows applications written to the API to be portable across key IBM standard data links.

Features	Benefits
· 3270 Information Display System 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.

MacDFT



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 main-frames.
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 be-tween an application on the mainframe and a local application on the Macintosh desktop.