Macintosh II: ROM Features Different From Mac Plus (9/95)

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TOPIC ---

The Macintosh II ROM features were greatly extended from those found in the
Macintosh Plus. A number of new managers were added to the ROM, and most
existing managers were modified to support the new hardware capabilities of the
Macintosh II.

The modifications most frequently introduced involved color support - QuickDraw,
menus, dialog boxes, and TextEdit are among those items that were extended with
color features. The Nubus slots were also a prime candidate for causing
additions and changes. The Macintosh II introduced a Slot Manager, an Operating
System Utilities Manager, and the Deferred Task Manager to support Apple's Nubus
implementation.

Other managers were rewritten to remove previous limitations: the Macintosh II
was an open machine, so the ROM designers made every effort to permit developers
the freedom to design products for the Macintosh II without being concerned with
ROM limitations.

DISCUSSION --

The following managers are new to the Macintosh II ROM:

Begin_Table

Color Manager
Color QuickDraw
Scrip Manager
Start Manager
Apple Desktop Bus Manager
Slot Manager
Sound Manager
Deferred Task Manager
Shutdown Manager
Operating System Utilities

End_Table

These managers underwent significant changes from the Macintosh Plus

ROM:

Begin_Table

Font Manager
Window Manager
Control Manager
Menu Manager
TextEdit
Dialog Manager
International Utilities Package
File Manager
Printer Manager
Device Manager
SCSI Manager
AppleTalk Manager
Vertical Retrace Manager

End_Table

In all cases, previously defined calls, data types, and resources are recognized
by the Macintosh II ROM, but extensions to those capabilities were added in the
revised managers.

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