

Technote 1142

Mac OS 8.5

Being a compendium of revised and new features of interest to software developers in release 8.5 of the Mac OS.

By John Montbriand
Apple Worldwide Developer Technical Support

This Technote discusses changes and corrections in the next generation of Mac OS: Mac OS 8.5. This system follows [Mac OS 8.1](#) and contains several new and revised features including:

- more PowerPC code
 - consolidated control panels
 - faster system startup time
 - improved AppleScript performance
 - new Unicode text drawing facilities
 - new HTML-based help facilities
-

Contents

- ## Neural Machine Disentangling and Clipping

- [Finder Interface Reference](#)
[_____](#) chapter of [Inside Macintosh: Mac OS 8 Toolbox](#)
[_____](#) for more information).
- Finder attempts to utilize extended routing information stored in the resource fork of a file if the file's extended ro

•

gestalt

- Additions to Finder's AppleScript support include:

AppleScript Support

terminology for new features

-
-
-
-
-
-
-
-
-
- move files to the Trash
- eject disks
- restart or shut down the machine
-

The [Icon kervices](#) section
 _____, "Finder Flags"
 _____, "Finder Icon Positioning and File Initialization"
 Technote [TN1126](#)



Generai

```

; Is _DebugUtil available?
; Code running on a IICI or later can s
    move.w    #_Unimplemented,d0
    _GetToollrapAddress
    move.l    a0,-(sp)
    move.l    #$A08D,d0          ; get _De
    _GetToollrapAddress
    cmpa.l    (sp)+,a0          ; was thi
                                ; unimple
    beq.s     @noEnterSupervisorMode

; Is the _EnterSupervisorMode selector
    _DebuggerGetMax          ; check h
                                ; selecto
    cmpi.l    #8,d0          ; is sele
    blt.s     @noEnterSupervisorMode ; R
                                ; availabl

    _EnterSupervisorMode    ; switch t
                                ; (switche
    move.w     d0,-(sp)      ; and save
                                ; on the s

    bra.s     @inSupervisorMode

; If _EnterSupervisorMode wasn't availa
; sr on the stack
@noEnterSupervisorMode
    move      sr,-(sp)      ; save the

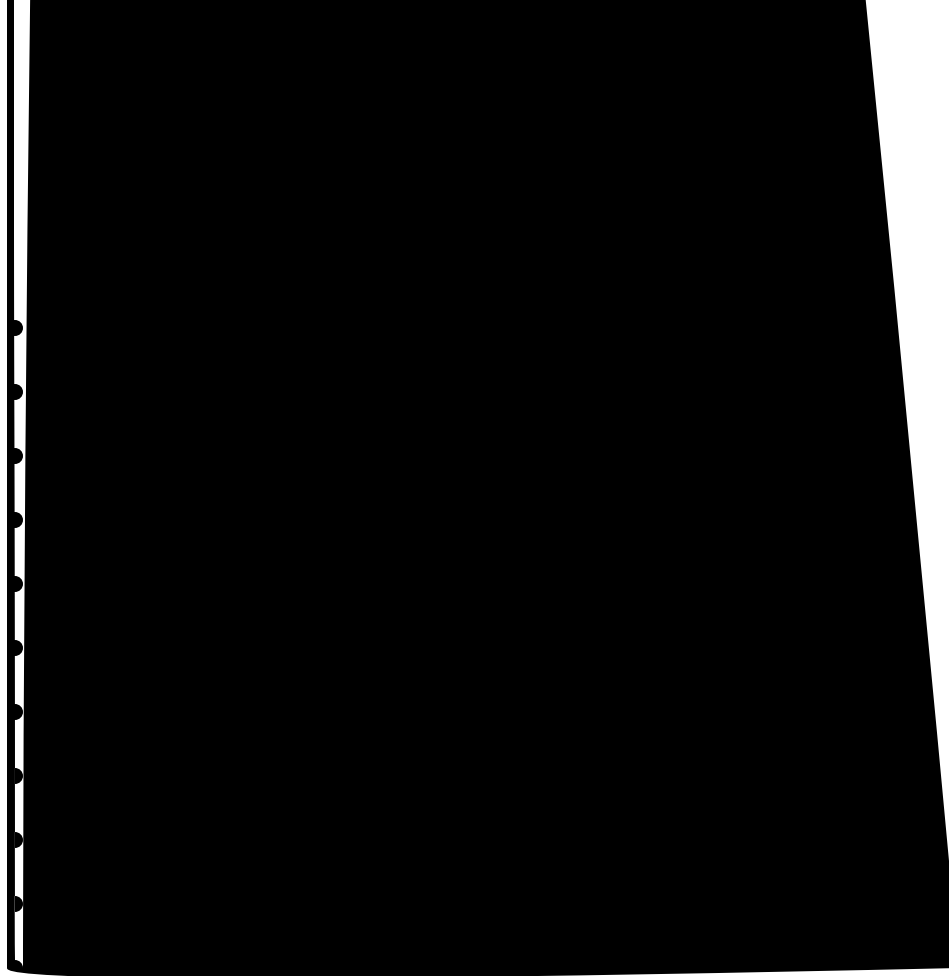
@inSupervisorMode

; ...
; do stuff in supervisor mode
; remember that the stack has been swap
; from user mode to supervisor mode.
; ...

    move      (sp)+,sr      DebuggerGetMax

```


- [illegible]



-
-

- Fonts used by controls can now be specified as a standard system font plus modifications.
- The clock control returns more part codes.
- The edit text control supports a validation callback procedure.

Related Materials:

- _____, [Dialog Manager](#), [Menu Manager](#), and [Window Manager](#)
- Q&A _____
- The [High Level Toolbox](#) lechnote Collection
- _____ Q&A Collection
- _____ chapter of [Inside Macintosh: Mac OS 8 Toolbox Reference](#)
- The [Control Manager](#) chapter of [Inside Macintosh: Macintosh Toolbox Essentials](#)
- [Inside Macintosh: Macintosh OS 8 Human Interface Guidelines](#)
- [The Appearance 1.0.3 SDK](#)

- Technote [TN1043](#), "On Drag Manager Additions (Release 1.1)"
- Technote [TN1085](#)
- _____, "Drag Manager and windowKind 20"
-

Driver Services Library

DriverServicesLib provides utility routines for native drivers ('ndrv' support have been added to the

- `PrepareMemoryForIO` now uses `IOPreparationOptions.kIOIsOutput`, but not `IOPreparationOptions.kIOIsInput` when the `IOPreparationOptions.kIOIsOutput` is `true`.

- What if you are already using a recent InnoDB full table scan to view the File System's Tables' arranged on this version of the Data Manager. I more

'snds' The location for
sets

Desktop Pictures The location for storing desktop picture files. Files
of type 'JPEG' are auto-routed into this folder.

The location for storing Internet location files,
aliases, and aliases to other frequently used items.

Favorites

'favs'

Scripts

'scr' A location for saving AppleScript scripts.

Recent Applications 'rapp' Apple Menu Items saves aliases to recent
applications here. Recent Documents 'recdoc'
Apple Menu Items saves aliases to recently opened
documents here.

ervers

•

-

-

-

-

resource contains data for 4 icon sizes (mini, small, large, huge) at 4 color depths (1-bit, 4-bit, 8-bit, and 32-bit) and two kind of masks (1-bit masks and 8-bit masks). Deep (8 bit) masks and 8-bit masks are supported. Transparency levels range from 0 (transparent) through 255 (opaque).

-

-

-

COMPATIBILITY NOTE

The new `iuickDraw` does more parameter checking than all previous versions of `iuickDraw`. As a result, c

- ○ ○ ○

o The [ColorSync 2.5.1 SDK](#)

- Control Strip 2.0 is now an application ('APPC' and contains fewer trap patches.
- Control Strip 2.0 corrects a number of problems with the previous version and adds several features that expand
-

- [Dn18](#), "CD-ROM Notes (Most Excellent)"
- lechnote [Dn22](#)
- lechnote [Dn505](#), "CD-ROM QAs"
- lechnote [FL36](#)

•

○

○

○

