



# Tech Info Library

## AppleScript: Modified Parts of the Macintosh OS (4/93)

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Topic -----

This article describes several pieces of the Macintosh operating system that must be modified to maximize the benefits that AppleScript offers.

Discussion -----

Finder

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Release of AppleScript is dependent on the user interface support in the Finder. The user interface to AppleScript in the Finder includes:

- Script document look
- Mechanism for setting the behavior of a script document on double-click (launch or edit)
- AppleScript recorder access
- One-step script access

The Finder becomes a scriptable and recordable application. A suite of Finder Apple Events and objects have been defined which act as the vocabulary of the Finder's extensions to AppleScript. Scripts can retrieve information about and control the Macintosh file system and desktop objects. This capability is implemented in Finder 7.1.1 as a Finder extension.

The Finder also allows you to attach scripts to objects such as disks, files, and folders. You can define actions that should occur when one of these objects is opened, closed, or something is dropped on it. In this way, AppleScript will generalize the "drag and drop" gesture in the Finder, and make it user-customizable.

System

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The tasks done through tools such as the Control Panel and the Chooser are possible via AppleScript as well. A new Layer Manager allows the Script Editor to appear to be a part of an application.

Apple Event Manager

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Two changes are required in the Apple Event Manager to support AppleScript:

- Recording support
- Roll-in of the Object Support Library (OSL)

Apple Event Manager 1.5 incorporates these changes.

#### QuickTime Component Manager

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The QuickTime Component Manager is required for AppleScript execution, because AppleScript is implemented as a component.

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