New Technical Notes
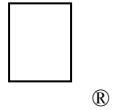
Macintosh

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Developer Support

Finder Flags
Toolbox

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Written by: Jim Friedlander   June 1986

This revision corrects the meanings of bits 6 and 7, which were interchanged in the older version of this technical note. ResEdit uses these bits incorrectly in versions older than 1.2.

The Finder keeps and uses a series of file information flags for each file. These flags are located in the `fdFlags` field (a word at offset $28 into an `HParamBlockRec`) of the `ioFlFndrInfo` record of a parameter block. They may change with newer versions of the Finder. Finders 5.4 and newer assign the following meanings to the flags:

Bit	Meaning
0	Set if file/folder is on the desktop (Finder 5.0 and later)
1	bFOwnAppl (used internally)
2	reserved (currently unused)
3	reserved (currently unused)
4	bFNever (never SwitchLaunch) (not implemented)
5	bFAlways (always SwitchLaunch)
6	Set if file is a shareable application
7	reserved (used by System)
8	Inited (seen by Finder)
9	Changed (used internally)
10	Busy (copied from File System busy bit)
11	NoCopy (not used in 5.0 and later, formerly called BOZO)
12	System (set if file is a system file)
13	HasBundle
14	Invisible
15	Locked

Further Reference:
- *Inside Macintosh*, Volume IV, The File Manager