



# Tech Info Library

## MacCheck 1.0.5 Read Me (2/94)

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TOPIC -----

This article's discussion section contains the MacCheck 1.0.5 Read Me file.

DISCUSSION -----

MacCheck 1.0.5 Release Notes  
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This Read Me document contains information about the MacCheck program. The Microsoft Word and MacWrite II documents, "MacCheck User Guide.msWrd" and "MacCheck User Guide.mwII" are a superset of this document and provide easier to read (better formatted and highlighted) text, along with more technical details about the inner workings of MacCheck. These documents are found in the Software Utilities Update 1.0.1 disk release.

Changes between MacCheck 1.0.4 and 1.0.5  
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- MacCheck no longer crashes when running on 3rd party NuBus cards.
- MacCheck now displays the "true" System Enabler version ("7.1--1.0.1").
- MacCheck displays the processor speed more accurately--MacCheck would not tell when a faster clock crystal was added, nor was able to accurately display the speed when running on some accelerator cards.
- MacCheck no longer fails the logic board test when a DayStar accelerator card is being used (or any other card that patches the ROM image, but fails to put a real ROM checksum in).
- If you double-click on the "MacCheck dataFile", MacCheck no longer puts up the annoying "Can't open this kind of document" message.

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I. INTRODUCTION TO MACCHECK  
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MacCheck is an Apple support utility tool with which you can learn more about your Macintosh computer, as well as diagnose software problems

that result from corrupted directories and files. By using MacCheck in conjunction with Disk First Aid, you can resolve common disk corruption problems.

MacCheck creates a profile of your Macintosh computer, including:

- The processor, memory, expansion cards, SCSI drives, keyboard, monitor, and so on
- The installed applications and system software on your startup drive

MacCheck also provides:

- A general logic board test
- A checker for the file system and System files
- A checker for duplicate System Folders

The MacCheck product consists of the application file "MacCheck," and the data file "MacCheck dataFile." For MacCheck to work correctly, both the application file and the data file must be located in the same folder. MacCheck is compatible with System 7.0 or later.

Under most circumstances, MacCheck can be run with extensions on. However, if you are having trouble running MacCheck, you should turn extensions off (by restarting your computer while holding down the Shift key). MacCheck does conflict with some non-Apple extensions:

- Thunder 7  
Don't run MacCheck while Thunder 7 is active. MacCheck and Thunder 7 have serious conflicts.
- Virus protection programs  
You'll need to "teach" some virus protection programs about MacCheck.
- Electronic mail programs  
Sometimes when electronic mail programs, such as Microsoft Mail or QuickMail, are active, they disrupt the file system checking by making your startup volume "busy".

## II. MACCHECK OVERVIEW

### ----- Launching MacCheck -----

When you launch MacCheck, you'll see a splash screen detailing the initialization processes that MacCheck performs while it starts up. During most of this time, MacCheck gathers profile information and checks for multiple System Folders. On a new Macintosh LC III, MacCheck takes about 1 minute to launch; on a 400MB, 8,000-plus-file Macintosh Quadra 950, it takes about 4-5 minutes to launch.

Note: If you want to speed up the launch process by about 20 seconds, press the Space bar when the splash screen first appears. This tells MacCheck not to profile modems or check SCSI devices that are typically slow, such as DAT tape drives. MacCheck will display a "•QuickBoot•" message. If you wish to quit the launch process at any time, press command-period.

## Accessing Profile Information

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MacCheck stores the collected profile information in three log files, the "System Info," "Additional System Info," and "Application and Font Info" logs. To view the profile information placed into these logs, select the log you want from the Windows menu.

## Starting Logic Board and File System Tests

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To start the logic board and file system tests, click the Test button or select the Test option (command-G) in the Diagnostics menu. When these tests are completed, MacCheck stores the results in a results file. The default name of this file is "Test Results-1". You may rename this file by selecting the Save Results As option in the File menu.

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