



# Tech Info Library

## System Enablers Collection 1.0: Q & A (9/93)

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TOPIC -----

This article addresses questions on system enablers and the Enabler Collection.

DISCUSSION -----

Q: WHAT IS A SYSTEM ENABLER?

A: System enablers are system files that allow System 7.1 to operate on Macintosh computers released since October 1992 (see list in "Extra" section). Macintosh computers introduced before October, 1992 do not need a system enabler to operate. System enablers are located in the computer's System Folder.

Q: HOW DOES THIS SOFTWARE GET INSTALLED?

A: The System Enablers Collection contains an installation program that automatically installs all of the software on the disk in the user's System Folder.

Q: DOES THE DISK CONTAIN ANY FILES BESIDES SYSTEM ENABLERS?

A: Yes. Some of the computers supported by the Collection also have Control Panels and other files that are specific to those computers. These files are also contained in the System Enabler Collection, and are automatically installed along with the system enablers. Examples of these extra files: the Battery Desk Accessory, the PowerBook Control Panel, and the AutoRemounter Control Panel. The Collection also contains the 32-Bit System Enabler, which allows owners of the Macintosh SE/30, II, IIX, and IICX to address more than 8MB of physical RAM.

Q: WHY DO SOME MACINTOSHES HAVE SYSTEM ENABLERS, BUT OTHER MACS DO NOT?

A: System enablers were introduced in October, 1992 along with System 7.1. System enablers allow Apple to introduce new Macintoshes without revising the base system software (System 7.1). This has resulted in the most rapid introduction of new Macintoshes in Apple's history. System 7.1 supports Macintoshes released before October, 1992 without the use of a system enabler file. Only one computer released since October, 1992 does not require a system enabler -- the PowerBook 145B.

Q: WILL THIS DISK BE UPDATED IN THE FUTURE?

A: Apple will release updated versions of the System Enablers Collection as needed. The next major release of system software will consolidate all previously released system enablers, which will temporarily eliminate the need for the System Enablers Collection.

Q: IF NEW COMPUTERS COME WITH SYSTEM ENABLERS PREINSTALLED, WHY DO I NEED the System Enablers Collection?

A: Many users, particularly system administrators and service providers, need to create a single System Folder that will boot any Macintosh. Since newer Macs need system enablers to work with System 7.1, these users will need all of the system enabler files in one place if they intend to create a System Folder that will boot any Macintosh. The System Enablers Collection provides all of these enablers in one place, so that users can easily create a System Folder that will boot any Macintosh.

#### DETAILS

List of Macintosh CPUs that have system enablers on the System Enablers Collection, the name of their system enabler, and the version included in the Collection:

PowerBook Duo 210	System Enabler 201, version 1.0.1
PowerBook Duo 230	System Enabler 201, version 1.0.1
PowerBook 160	System Enabler 111, version 1.0.2
PowerBook 165C	System Enabler 121, version 1.0
PowerBook 180	System Enabler 111, version 1.0.2
Macintosh IIVx	System Enabler 001, version 1.0.1
Macintosh IIVi	System Enabler 001, version 1.0.1
Macintosh Color Classic	System Enabler 401, version 1.0.5
Macintosh LC III	System Enabler 003, version 1.0
Macintosh Quadra 800	System Enabler 040, version 1.0
Macintosh Centris 610	System Enabler 040, version 1.0
Macintosh Centris 650	System Enabler 040, version 1.0

Other files that are contained in the System Enablers Collection:

- Battery Desk Accessory, version 7.1.1
- PowerBook Control Panel, version 7.1.1
- PowerBook Display Control Panel, version 1.0.4
- Sound Control Panel, version 7.1.1
- Screen Control Panel, version 1.0
- AutoRemounter Control Panel, version 1.0
- Memory Control Panel, version 7.1.1
- Caps Lock Extension, version 7.1.2
- 32-Bit System Enabler, version 1.0.3

This product does NOT contain the enablers for the PowerBook 180C and the Macintosh LC 520. These computers were released after the Collection was completed.

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