

Apple II File Type Notes



Developer Technical Support

File Type: **\$5A (90)**
Auxiliary Type: **\$0002**

Full Name: Battery RAM saved configuration
Short Name: Battery RAM configuration

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Files of this type and auxiliary type contain images of Apple IIGS Battery RAM.

Since the IIGS battery-powered RAM contains important system parameters and control information, many utility programs would like to save an image of all these parameters for later restoration. This ability can be handy when changing batteries or in a classroom situation where students may change text colors and preferences to suit their individual tastes—without regard for the teacher who has to restore the machine to normal operation for the next class.

Apple has defined the following simple file format for use in such instances.

The File Format

The file format contains a safety catch to prevent parameters defined for new machines from interfering with older machines.

ROMVersion	(+000)	Word	The version number of the Apple IIGS ROM for the machine on which this file was created. The file should only be restored on machines of the same ROM version. For example, if this value is \$0003, the image of Battery RAM should not be written to a ROM 01 machine. Instead, warn the user of the incompatibility.
BRAM	(+002)	256 Bytes	256 bytes of battery RAM image. This is obtained from the <code>ReadBRam</code> tool call and should be restored (where appropriate) with the <code>WriteBRam</code> tool call.

Further Reference

- *Apple IIGS Firmware Reference*
- *Apple IIGS Toolbox Reference, Volume 1*