

# Apple II File Type Notes



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## Developer Technical Support

**File Type:**            **\$08**  
**Auxiliary Type:**      **\$4001**

Full Name:   Packed Apple II Double Hi-Res Graphics File  
Short Name:  Packed Double Hi-Res File

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Files of this type and auxiliary type contain a packed Apple II Double Hi-Res graphics screen.

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Files of type \$08 and auxiliary type \$4001 contain a packed Apple II Double Hi-Res graphics screen which has been packed with the same algorithm that `PackBytes` on the Apple IIGS uses. This algorithm takes the 16K graphics screen (auxiliary memory portion first) and produces a file with an indeterminate length and internal format, so no “mode byte” at offset +121 is supported as it is with other files of type \$08.

You can display a file of this type and auxiliary type by loading it, using `UnPackBytes` to decrypt the data, moving the first half into auxiliary memory at location \$2000, moving the second half into main memory at location \$2000, then simply toggling the display soft switches and annunciators to turn on double high-resolution mode.

File type \$08 was originally defined as an Apple /// FotoFile, but now it is useful for those applications that wish to save high-resolution or double high-resolution data with a file type other than \$06, which is a standard binary file. If you choose to use this type, you should remember that older applications which do not check the auxiliary type may attempt to interpret these files incorrectly.