

Apple II File Type Notes



Developer Technical Support

File Type: **\$E0 (224)**

Auxiliary Type: **\$800A**

Full Name: Replicator document

Short Name: Replicator document

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May 1992

Files of this type and auxiliary type contain images for the disk duplicating application Replicator.

Replicator is a commercial, desktop-based disk duplicating application available from **GS+** Magazine.

For more information on Replicator or **GS+** Magazine, contact:

GS+ Magazine
P.O. Box 15366
Chattanooga, TN 37415-0366
Attention: Replicator Technical Support
(615) 843-3988

America Online: GSPlusDiz
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File Format

A Replicator file is an extended file with an empty data fork. The resource fork should contain the following resources:

Resource Type	Resource ID	Contents	Description
\$0001	\$00000001	Bytes	The disk image, as read with a DRead GS/OS call.
\$0002	\$00000001	Long	The block count of the disk, as returned by a GS/OS Volume call.
\$0003	\$00000001	Word	The block size of the disk, as returned by a GS/OS Volume call.

\$0004	\$00000001	Word	Corresponds to the state of the Replicator disk window's "Number of copies" radio buttons. If this word is zero, the "Mass copy" radio button is selected; otherwise, the "Number of Copies" radio button is selected.
\$8006 (rPString)	\$00000001	String	Name of the disk volume as returned by a GS/OS Volume call, with spaces on both sides of the name, as Replicator uses this string in a window title.
\$8006 (rPString)	\$00000002	String	Name of the file system the disk was formatted with. You can use the fileSysID GS/OS returns to match the name of the file system to those returned by GetFSTInfo.
\$8006 (rPString)	\$00000003	String	Textual representation of the block count.
\$8006 (rPString)	\$00000004	String	Textual representation of the block size.
\$8016 (rText)	\$00000001	Bytes	The number of copies to make. Replicator inserts this text into the "number of copies" Line Edit control in the disk window.
\$8029 (rVersion)	\$00000001	Bytes	The minimum version of Replicator necessary to read this document. The only defined version is 1.0. The non-version fields of the rVersion resource should be set so the Finder displays "Requires Replicator <version>".
\$802A (rComment)	\$00000001	Bytes	Any comments to place in the "Comments" TextEdit box in the disk window, and also shown by the Finder in "Icon Info." This resource is optional.

As an example, a Replicator document of a 128K ProDOS RAM disk named ":RAM5", set to make five copies with "Mass copy" turned off and containing no comments would contain the following resources:

Resource Type	Resource ID	Content Description
\$0001	\$00000001	\$00020000 (131072) bytes of disk image data.
\$0002	\$00000001	\$00000100 (256 blocks)
\$0003	\$00000001	\$0200 (512 bytes per block)
\$0004	\$00000001	\$0001 (Mass copy turned off)
\$8006 (rPString)	\$00000001	":RAM5"
\$8006 (rPString)	\$00000002	"ProDOS"
\$8006 (rPString)	\$00000003	"256"
\$8006 (rPString)	\$00000004	"512"
\$8016 (rText)	\$00000001	"5"
\$8029 (rVersion)	\$00000001	1.0 (release)

Further Reference

- *GS/OS Reference*
- Apple IIGS Technical Note #76, Miscellaneous Resource Formats