

PS2 YABASIC_File PSU file format

Background

This document details the file format for PS2 YABASIC files that have been converted to psu type files by the EMS Memory card station PSII Card Reader software (>= v2.11).

Notation: [XX]x where XX = file memory contents in hex, **XX** = file memory contents translated to ASCII characters, x = file memory address in hex. Red Brackets [] indicate file memory contents that are known to change for different YABASIC files - the memory contents that are shown were obtained from a real file and are given as an example.

Note: Size equates to number of bytes and is only valid for data in a given section when "Type" = 8497.

History

Date (DD/MM/YY)	Version	Change
12/03/03	v0.03	Official release of document.

PSU File Layout

[27] ₀ [84] ₁ [00] ₂ [00] ₃	Type	= 8427
[05] ₄ [00] ₅ [00] ₆ [00] ₇	Size	=5
[00] ₈	Unknown	
[08] ₉	Sec	
[0B] ₁₀	Min	
[09] ₁₁	Hour	
[0D] ₁₂	Day	=13
[01] ₁₃	Month	=1
[D3] ₁₄ [07] ₁₅	Year	=2003

[00]₄₀ ----->

[B] ₆₄ [E] ₆₅ [S] ₆₆ [C] ₆₇ [E] ₆₈ [S] ₆₉ [-] ₇₀ [5] ₇₁ [0] ₇₂ [0] ₇₃ [8] ₇₄	Filename
[?] ₇₅ -----> [?] ₅₁₁	

Unknown Block Data -1-

[27] ₅₁₂ [84] ₅₁₃ [00] ₅₁₄ [00] ₅₁₅	Type	= 8427
[00] ₅₁₆ [00] ₅₁₇ [00] ₅₁₈ [00] ₅₁₉	Size	=0
[00] ₅₂₀	Unknown	
[08] ₅₂₁	Sec	
[0B] ₅₂₂	Min	
[09] ₅₂₃	Hour	
[0D] ₅₂₄	Day	=13
[01] ₅₂₅	Month	=1
[D3] ₅₂₆ [07] ₅₂₇	Year	=2003

[?]₅₂₈ -----> [?]₁₀₂₃ Block Data -1- ?

Unknown Block Data -2-

[27] ₁₀₂₄ [84] ₁₀₂₅ [00] ₁₀₂₆ [00] ₁₀₂₇	Type	= 8427
[00] ₁₀₂₈ [00] ₁₀₂₉ [00] ₁₀₃₀ [00] ₁₀₃₁	Size	=0
[00] ₁₀₃₂	Unknown	
[08] ₁₀₃₃	Sec	
[0B] ₁₀₃₄	Min	
[09] ₁₀₃₅	Hour	
[0D] ₁₀₃₆	Day	=13
[01] ₁₀₃₇	Month	=1
[D3] ₁₀₃₈ [07] ₁₀₃₉	Year	=2003

.

[?]1040-----> [?]1535

Block Data -2- ?

Icon.sys Data

[97]1536 [84]1537 [00]1538[00]1539
 [C4]1540 [03]1541 [00]1542 [00]1543
 [00]1544
 [08]1545
 [0B]1546
 [09]1547
 [0D]1548
 [01]1549
 [D3]1550 [07]1551

Type = 8497
 Size = 964
 Unknown
 Sec
 Min
 Hour
 Day =13
 Month =1
 Year =2003

.

[?]1552-----> [?]3071

Icon Data

Icon.ico Data

[97]3072 [84]3073 [00]3074[00]3075
 [B8]3076 [F0]3077 [00]3078 [00]3079
 [00]3080
 [08]3081
 [0B]3082
 [09]3083
 [0D]3084
 [01]3085
 [D3]3086 [07]3087

Type = 8497
 Size = 61624
 Unknown
 Sec
 Min
 Hour
 Day =13
 Month =1
 Year =2003

.

[?]3088-----> [?]64695

Icon.ico Data ?

YABASIC Data

[97]66048 [84]66049 [00]66050[00]66051
 [2F]66052 [00]66053 [00]66054 [00]66055
 [00]66056
 [08]66057
 [0B]66058
 [09]66059
 [0D]66060
 [01]66061
 [D3]66062 [07]66063

Type = 8497
 Size = 47
 Unknown
 Sec
 Min
 Hour
 Day =13
 Month =1
 Year =2003

.
.
[?]₆₆₀₆₄----->[?]₆₆₁₁₁ YABASIC data
[B]₆₆₁₁₂ [E] [S] [C] [E] [S] [-] [5] [0] [0] [8]₆₆₁₂₂
[?]₆₆₁₂₂₃----->[?]₆₆₅₅₉ Filename
[?]₆₆₅₆₀ [?]₆₆₅₆₁ [?]₆₆₅₆₂ [?]₆₆₅₆₃ Checksum for following
YABASIC program ?
[?]₆₆₅₆₄-----> Start of YABASIC
program in ASCII text
.
.
[?]
[EOF]