Subject: Forth-83 version 2 for 8080/Z80 now available
Posted by w8sdz[1][2] on Wed, 26 Jun 2013 04:47:23 GMT

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Thanks to Ted Shapin , Forth-83 version 2.0 for
8080/Z80 is now available from Simtel20:

Filename   Type Bytes Sectors   CRC

Directory MICRO:
F83V2-80.LBR.1   COM 228224 1783 = 6F7H 5BCEH

Here are Ted's comments:

F83V2-80.LBR contains F83.COM, a public domain implementation of
FORTH-83 that is ready to run. It also contains source files in
squeezed format. I have squeezed them using the public domain utility
SQ and you can unsqueeze them with the USQ utility. Squeezed files
have a Q in the file type.

The original Laxen-Perry distribution had these files squeezed with a
program that took hours (!) to run to unsqueeze. USQ will run in
minutes and the squeezed files take up less space than the original
distribution disk. Make B: (or C:) your default drive. Have plenty of
room on your default drive and then type A:USQ20 A:filename.BQK to
make filename.BLK on your default drive.

Type CRCK *.* and see if what you have agrees with the values listed
below. This should assure you that you have a good copy of the disk.

The VIEW word expects certain source blocks to be on drive A: and
certain source files to be on drive B:. If you have a hard disk
system, you can follow the directions in README.80 to recompile your
system with all of the source blocks on your hard disk and the VIEW
file numbers will be set up correctly.

Here are the files in F83V2-80.LBR:

--> FILE: F83   .COM   CRC = 09 33 The FORTH system compiled.
--> FILE: README .1ST   CRC =   This file
--> FILE: USQ20 .COM   CRC = 5F 25 CPM80 unsqueeze program
--> FILE: SQ17   .COM   CRC = 25 09 CPM80 squeeze program
--> FILE: README .8Q   CRC = DD E2 Original F83 instructions
--> FILE: F83-FIXS.TQT   CRC = 52 E2 Changes from F83 v.1.0
--> FILE: CRCK   .COM   CRC = 2D 47 CPM80 hash check program
              These "blocks" are the F83 sources squeezed
--> FILE: KERNEL80.BQK   CRC = B8 75 Kernel source
--> FILE: META80 .BQK   CRC = 6E D8 Metacompiler source
--> FILE: CPU8080 .BQK   CRC = 08 B1 68000 dependent code
--> FILE: EXTEND80.BQK   CRC = ED D0 Extensions source
--> FILE: UTILITY .BQK   CRC = 4E 38 The UTILITY source
              These blocks are applications
--> FILE: HUFFMAN .BQK   CRC = 25 1A A VERY slow compression program
--> FILE: CLOCK .BQK   CRC = 0B C0 Source for a calendar example
--> FILE: EXPAND80.BQK   CRC = AE E5 Original source to expand .HUF
--> FILE: BASIC .BQK   CRC = 1B 94 BASIC compiler in F83

Ted Shapin. July 31, 1984.