
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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Organization: Ballistic Research Lab
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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
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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.