

FORTH Systems Overview (2023-09 - V2)

Name	Autor	Jahr	Last Version	Standard	ARM	x86	RISC-V	MIPS	PowerPC	8080/Z80	68xx	68xxx	Coldfire	AVR	PIC	MSP430	Others	OS				System	Bits	Description						
					Cortex-M	Cortex-A				x51								CP/M	DOS	Windows	Linux				Other					
SwiftX Cross Compiler	Forth Inc.				x					x	x	x	x	x	x	x	x				x	+68HC11/12 and RTX2010RH	16	SwiftX Integrated Cross-Development Software						
muforth	muforth.niblemachines.com			Small Forth	x		x									x	x					AVR, HC08, PIC18 ...	16	Small, simple, fast, indirect-threaded code Forth						
coreForth	Eckhart Koepfen	2015		diverse	x																	Cortex-M0/M3	32	LM3S811, Arduino Due, Olimex STM32-P103 ...						
mecrisp EFM32	Matthias Koch			ANS Standard	x																	EFM32GG/HG	32	Some Silicon Labs EFM32						
Gforth EC	Crook/Ertl/Kühling/Paysan/Wilke			ANS Standard	x	x		x			x	x										H8, R8C, C166, NXT ...	16	Embedded Gforth version for Lego NXT and much more						
mecrisp Kinetis K	Matthias Koch			ANS Standard	x																	K20	32	Some NXP Kinetis K						
mecrisp Kinetis L	Matthias Koch			ANS Standard	x																	KL25/46	32	Some NXP Kinetis L						
mecrisp Stellaris	Matthias Koch		2.2.4	ANS Standard	x																	LM3S/LM4F	32	Many TI Stellaris MF3S and LM4F120 (now TM4C)						
AmForth	Matthias Trute	2020	6.9		x		x															LM4F, Hifive1	32	Still experimental						
mecrisp LPC111x	Matthias Koch			ANS Standard	x																	LPC111x	32	LPC111x-Family of Cortex-M0						
FISH Forth	M. L. Simon, C. W. Phillips Jr.			FIG	x																	LPC8xx/11xx, STM32	32	LPC812-, LPC111x-, and STM32F4 Discovery Board						
mecrisp MSP432	Matthias Koch			ANS Standard	x																	MSP432	32	Cortex-M4F with MSP430 peripheral						
mecrisp NRF	Matthias Koch			ANS Standard	x																	NRF51822	32	Nordic-Version						
CamelForth RP2040	Chris H. (WA1TNR)	2021	0.1.4	ANS Standard	x																	RP2040	32	Preliminary version						
zeptoforth	Travis Bernann	2019			x																	RP2040, STM32L4/F4/F7	32	Written in Thumb-1/2 assembly						
mecrisp STM32	Matthias Koch			ANS Standard	x																	STM32F1/2/3/4	32	Nearly complete STM32F-Family						
eForth ARM-M	C. H. Ting			eForth	x																	STM32F1/F4	32	eForth for Blue Pill						
mecrisp XMC1100	Matthias Koch			ANS Standard	x																	XMC1100	32	Infineon XMC1xxx-Family						
mcForth	Klaus Kohl-Schoepe	2020	1.0	ANS Standard	x												x			x		XMC1100, Windows	32	Cortex-M0 for XMC1100, Virtual Processor in MASM for PC						
ForthARM	Braden Shepherdson	2020		ANS Standard	x																	ARMv6	32	Forth for Raspberry Pi						
minForth	John Williamson			ANS Standard	x																	ARMv7	32	Bare-metal Raspberry Pi port						
Open Firmware	Mitch Bradley			IEEE 1275-1994	x			x	x															x different	32	Bootloader for many high end systems				
pijForthos	Dale Schumacher, Tristan Slominski	2014			x																		Raspberry Pi	32	Raspberry Pi JonesFORTH O/S					
rpiForth	Roland Koluvek, Alex Chadwick	2013			x																		Raspberry Pi	32	A Forth Operating System for Raspberry Pi					
Punyforth	Attila Magyar	2018		Forth inspired ...	x	x																	Rpi, ESP8266	32	Simple stack-based Language for IoT					
hForth	Wonyong Koh			eForth	x	x				x													StrongArm, x86, Z80	16/32	Based on eForth					
r3d4	Pablo Hugo Reda	2020			x	x															x	x	Windows, Linux, MAC, Rpi 4	64	Forth inspired by ColorForth, SDL version					
FCC	Braden Shepherdson	2020		ANS Standard	x	x																	x86 and ARMv7	32	FCC - Portable C engine					
Camel-Forth 8086	Bradford J. Rodriguez	2009	0.2	ANS Standard		x																	8086	16	DOS-Version					
fig-FORTH 8086-DOS	J. E. Smith	1982	1.2E	FIG		x																		8086 (DOS)	16	Mostly Listing and source code available				
HS/FORTH	Harvard Softworks	1990				x																		8086 (DOS)	16	Extended memory, Optimizer, Sound, Graphics, 80x87 Libraries				
fig-FORTH 8086/8088-CP/M	Thomas Newman	1981	1.0	FIG		x													x					8086/8088 (CP/M-86)	16	Mostly Listing and source code available				
feline	Peter Graves	2021		Forth-2020		x																		AMD-64	32	64-bit native code Forth 200x				
OSX-Forth	Chris Hinsley	2015				x																		AMD-64	32	Forth for OSX, bootstrap from x86 NASM then Forth only				
SixtyForth	David Jones	2018		ANS Standard		x																		AMD-64	32	64-bit Intel assembly				
colorForth DOS	Charles H. Moore			(Moore)		x																			DOS (386)	32	Type are in the color of each word			
F-PC	Tom Zimmer	1991	3.56	Forth-83		x																			DOS (386)	32	Standard for DOS Forth			
DX-Forth	Ed ?	2001	4.17	Forth-83		x																			DOS (8086)	16	Experimental Forth Compiler for DOS			
eForth 8086/80386	C. H. Ting			eForth		x																				DOS (8086)	16/32	New Model with ~200 Words often compiled with MASM		
Fifth	CLICK Software					x																				DOS (8086)	16	Fifth is an interactive program development environment		
FIRST	W. Schemmert	1994		ANS Subset		x																				DOS (8086)	16	FIRST is an ANS Forth Standard CORE subset		
FORTH86	Jerry Boutelle			FIG		x																				DOS (8086)	16	Adaption of FIG-8086 to NAUTILUS metacompiler		
ForthCPM	Tom Almy	2018		ANS or FIG		x																				DOS (8086)	16	Compiles Forth into machine code		
Holon	Wolf Wejgaard	1996	4.0			x																				DOS (8086)	16	Modular Forth		
KK-Forth PC	Klaus Kohl	1990	1.2	Forth-83		x																				DOS (8086)	16	DOS implementation with terminal for other versions		
L.O.V.E Forth	H. Seywerd, W. R. Elehew, P. Cavén	1988		Forth-83		x																				DOS (8086)	16	Distributed under the User Supported software concept		
LaForth	LaFarr Stuart, Robert L. Smith			FIG		x																					DOS (8086)	16	An Experimental Forth For IBM-PC	
LMI UR/Forth	Laboratory Microsystems	1987		Forth-83		x																				DOS (8086)	16	Commercial Forth-System for DOS		
MinForth DOS	Andreas Kochenburger			ANS Standard		x																					DOS (8086)	16	Minimalistic but complete FORTH System in (Turbo-)C	
MINI4TH	Ted Beach	1988		Small Forth		x																					DOS (8086)	16	Small Forth system based on ZEN Forth	
Pygmy	Frank Sergeant	1990	1.7	Small Forth/ANS		x																					DOS (8086)	16	Small Reference to ANS	
StrongForth	Dr. Stephan Becher			ANS Standard		x																					DOS (8086)	16	ANS Forth with strong type checker	
volksForth DOS			3.81.41	Forth-83		x																					DOS (8086)	16	Forth-83 Implementation by Forth e.V.	
ZEN Forth	Martin Tracy			Small Forth		x																					DOS (8086)	16	Small Reference to ANS	
Zimmer Forth	Tom Zimmer			Forth-83		x																					DOS (8086)	16	Used for some trainings	
F83 8086	Laxen & Perry	1983		Forth-83		x																					DOS (8086), CP/M	16	Reference for many implementation	
Eulex	David Vázquez Púa	2009		Forth-79		x																					i386	32	A Bare Metal Forth Implementation	
preForth / seedForth	Ulrich Hoffmann			Minimal		x																					i386	32	Only 13 primitives - seedForth complete it to full Forth	
DiaperGlue32	James Norris	2020				x																			x		i386 (Win32, Mac OS X, Linux)	32	32-bit Forth in C/C++ and assembler	
fig-FORTH i586-PC-Linux	H.-Peter Recktenwald	2002		FIG		x																						i586 (Linux)	32	Mostly Listing and source code available
DiaperGlue64	James Norris	2020				x																			x	x	i586 (Win64, Mac OS X13.3)	64	64-bit Forth in C/C++ and assembler	
ciforth (lina)	Albert von der Horst (HCC)	2010	4.1	ISO Forth		x																			x	x	Intel MAC	16/32	Same source for all implementations	

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																			CP/M	DOS	Windows	Linux										
					Cortex-M	Cortex-A																										
Gforth Linux	Crook/Ertl/Kühling/Paysan/Wilke		0.7.9	ANS Standard		x														x	Linux	32	Portables Forth for many systems									
lforth	Jih-tung Pai	2001				x														x	Linux	32	Small Forth for Linux									
kforth (32/64)	Krishna Myneni	1998				x														x	x	Linux (386/586) / Windows	32/64	32- or 64-bit Forth System for x86-GNU/Linux								
MinForth Linux	Andreas Kochenburger			ANS Standard		x															x	Linux (586)	32	Minimalistic but complete FORTH System in (Turbo-)C								
nop	https://github.com/iru-/nopforth					x															x	Linux, macOS, Windows	64	Nop is a dialect of the Forth programming language for x86_64								
BBL						x																MS-DOS	32	BBL = Big Business Language or Big Black Lady (PD Forth)								
polyFORTH	Forth Inc.	1984				x															x	MS-DOS	32	Forth with multiuser support and data base tools								
real-Forth	Charles Curley			FIG		x															x	MS-DOS (8086)	16	16-bit 8086 fig-forth								
MMSFORTH	Richard Miller	1982		FIG		x																TRS-80 (8080)	16	Adaption of fig-Forth for 8080								
UF	Felix L. Winkelmann					x												x			x	x	unix/varvara	8	Traditional Forth for unix/varvara virtual computer							
KK-Forth V20	Klaus Kohl	1990	1.2	Forth-83		x																V20 (8086)	16	Version for NEC V20 (8086 compatible)								
Win32Forth	Tom Zimmer and many more		6.14.04	Full Version		x																x	WIN32	32	Full blown Windows System							
comFORTH	Egmont Woitzel			Forth-83		x																x	Windows	32	Commercial Forth-System for Windows							
FORTH2020	Peter Forth	2020		ANS Standard		x																x	Windows	32	Based on WinForth							
r4	Pablo Hugo Reda	2005				x																x	Windows	32	Forth inspired by ColorForth, Bytecode virtual machine							
colorForth Windows	Charles H. Moore			(Moore)		x																x	Windows (386)	32	Type are in the color of each word							
Gforth Win32	Crook/Ertl/Kühling/Paysan/Wilke		0.7.9	ANS Standard		x																x	Windows (386)	32	Portables Forth for many systems							
Gforth Win64	Crook/Ertl/Kühling/Paysan/Wilke		0.7.9	ANS Standard		x																x	Windows (586)	64	Portables Forth for many systems							
MinForth Win32	Andreas Kochenburger			ANS Standard		x																x	Windows (586)	32	Minimalistic but complete FORTH System in (Turbo-)C							
Jax4th	Jack J. Woehr	2000	1.25/0.3.17			x							x										Windows NT, Amiga	32	Free Forth written in MASM6.11							
r3	Pablo Hugo Reda	2021				x																x	x	Windows, Linux	64	Forth inspired by ColorForth, OS link through dynlib						
Reva	Ron Aaron			ANS Standard		x																x	x	Windows, Linux	32	Based on RetroForth with ideas from HelFORTH						
unx	Devine Lu Linvega					x												x				x	x	Windows, Linux	8	Virtual Stack Machine						
SwiftForth	Forth Inc.					x																x	x	Windows, Linux, macOS	32	Complete Forth System						
bigForth	Bernd Paysan	2010	2.4	ANS Standard		x																x	x	x86 (Linux, Windows)	32	32-bit Forth with tools like MINOS (GUI for X)						
FOerTHchen	Helmar Wodtke			Subset		x																	x	x86, Javascript, Perl	32	The small Forth						
SectorForth	Cesar Blum	2020		Minimal		x																	x		x86-Bootversion	16	A 512-byte, bootable x86 Forth					
mecrisp RISC-V	Matthias Koch			ANS Standard			x																		GD32VF103 ...	32	Different variants (also for FPGA like MAX1000 with RISC-V IP)					
noForth	Albert Nijhof & Willem Ouwerkerk						x											x							RISC-V, MSP430	16/32	Forth for MSP430 (16-bit) and RISC-V (32-bit)					
eForth MIPS	C. H. Ting			eForth				x																		Silicon Graphics WS	16	Small C loader and use I/O routines from C library				
eForth PowerPC	C. H. Ting			eForth					x																	MPW on PowerPC-Mac	32	NEXT is a branch-through-link-register machine instruction				
44	Larry Battraw	1996		Small Forth					x																	PPC403	16	Small Forth-like system				
amrFORTH	A. L. Mitchell, C. Shattuck		V5							x		x						x							x	x	68HC11, C166	16/32	Use F-PC or Win32Forth			
Camel-Forth 8051	Bradford J. Rodriguez	1999	1.6	ANS Standard						x																8051	16	Tested on Simulator				
eForth 8051/XA	C. H. Ting			eForth						x																	8051	16	New Model with ~200 Words often compiled with MASM			
FORTH51	William H. Payne									x																	8051	16	Book available: William H. Payne - Embedded Controller FORTH			
MyForth	Charley Shattuck, Bob Nash	2006								x					x												805x, ADuC841, AVR	16	A Minimalist 8-Bit Forth using ideas from Colorforth			
51FORTH	Scott Gehmlich	1993								x																	80C31	16	Only Forth assembler listing			
80C552 FORTH System	Alberto Pasquale	1991								x																	80C552	16	using CROS-16 (Universal Cross-Assemblers)			
ByteForth	Dutch Forth Group (HCC)		2.07/2.00							x																	AVR, 8051	8	Supports different versions of AVR and 8051			
Tiny Open Firmware	Brad Eckert		3.03	IEEE 1275-1994						x			x	x	x												Coldfire, 68K, AVR, x51	16	Based on Open Firmware (use Fcode)			
fig-FORTH 8080	John Cassady	1979	1.1	FIG						x																	8080 (CP/M, TRS-80)	16	Mostly Listing and source code available			
fig-FORTH TRS-80	Michael Weiblen	1986	1.1D	FIG						x																	x	8080 (TRS-80)	16	Mostly Listing and source code available		
eForth 8080	C. H. Ting			eForth						x																		8080 on FPGA	16	New Model with ~200 Words often compiled with MASM		
KK-Forth 8415	Klaus Kohl	1990	1.2	Forth-83						x																		84C015 (Z80)	16	EMUF-84C015 version		
F83 8080/Z80	Laxen & Perry	1983		Forth-83						x																		CP/M	16	Reference for many implementation		
Camel-Forth CP/M	Bradford J. Rodriguez	1995		ANS Standard						x		x															x	CP/M (Z80)	16	Tested under CP/M		
volksForth Z80			3.80	Forth-83						x																		x	CP/M-2.2 (Z80)	16	Forth-83 Implementation by Forth e.V.	
DX-Forth	Ed ?	2001	3.98	Forth-83						x																		x	CP/M-80	16	Experimental Forth Compiler for CP/M-80	
volksForth CPM			3.8	Forth-83						x																		x	Schneider CPC (CP/M)	16	Forth-83 Implementation by Forth e.V.	
ESF Z-80 Forth	Vern Taliman	2011		FIG						x																			Z80	16	Adaption of 8080 FIG Forth to Z80	
UniForth Z80	Unified Software Systems	1985		Forth-83						x																			x	Z80	32	Subset of professional UNIFORTH (UniForth Sampler)
fig-FORTH Z80	John Cassady	1982	1.1	FIG						x																		x	Z80 (CP/M-80, Amstrat)	16	CP/M-80, Amstrat CPC464	
vforth	Matteo Vitturi	1990								x																				Z80 (ZX Spectrum 48/128)	16	Back-porting to ZX Microdrive from v.Forth NETZXOS
eForth Z80	C. H. Ting			eForth						x																				Z80, Rabbit, E220	16	New Model with ~200 Words often compiled with MASM
Z8001 FORTH	Lou Odette	2005								x																			Z8000/Z8001	16	Adapted from the Dr. Dobbs No. 71 (1982)	
ZX81-Forth	Skywave									x																				ZX-81	16	Forth for ZX-81 with at least 16K RAM
6502FORTH	Programma International, Inc.	1979	1.2	FIG							x																			6502	16	Only Users Manual available
AlexForth	Alexandre Dumont											x																		6502	16	Forth for the Homebrew 6502 SBC
fig-FORTH 6502	Bill Ragsdale	1979	1.1	FIG									x																	6502 (Rockwell System-65)	16	Variants also for Atari 400/800, Apple II, Nova, and Eclipse C
Pettil	Charlie Hitselberger												x																	6502 (PET, C64, VIC, Apple)	16	Forth for 6052 PC's
Tali Forth	Scot W. Stevenson	2014												x																65C02	16	STC-Implementation of ANS

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					Cortex-M	Cortex-A														CP/M	DOS	Windows			
OneForth	John Redmond	2015		F83									x										Atari ST	32	Supports all GEMDOS functions
volksForth Atari ST			3.81	Forth-83									x							x			Atari ST (6502)	32	Forth-83 Implementation by Forth e.V.
ATLAST	John Walker		V1.0	FORTH-83									x							x			Atari ST, PC	16	Autodesk Threaded Language Application System Toolkit
F83 68000	Laxen & Perry	1983		Forth-83									x						x				CP/M 68000	32	Reference for many implementations
ucForth	Charles Esson	2006												x								uC	Coldfire 5272	32	Using uLinux on Coldfire
coldForth	Colour Vision Systems	2001	0.8											x									Coldfire 5407	32	With TCP/IP - Telnet support
Arduino AVM	Mikael Patel	2016													x								Arduino	16	Arduino Forth Virtual Machine
asforth	Jeff Doyle	2017													x								Atmega328	16	Subroutine Threaded version of amForth
Avice	cinetix@t-online.de	2016													x								ATMega8/168 boards	16	AVR Virtual Stack Engine
eForth AVR/Arduino	C. H. Ting			eForth											x								AVR328, Arduino	16	Direct implementation for AVR an C version for Arduino
AmForth	Matthias Trute	2020	6.9													x							MSP430, AVR	16	Extendible Command Interpreter
FlashForth	Mikael Nordman														x	x							PIC 18/24, dsPIC, Atmega	16	Standalone native Forth operating system
eForth PIC17	C. H. Ting			eForth												x							PIC17	16	New Model with ~200 Words often compiled with MASM
FORTHdsPIC	Bill Marshall ?	2013	0.5													x							PIC24/dsPIC	16	Examples for FFT and other bare metals
FANF	Konstantin Dimitrov	2014	1408														x						PIC32MX170	32	Forth-link Programming Language for PIC32MX170
Camel-Forth MSP430	Bradford J. Rodriguez			ANS Standard																x			MSP430	16	4e4th recommended as development environment
eForth MSP430	C. H. Ting			eForth																x			MSP430	16	New Model with ~200 Words often compiled with MASM
mecrisp MSP430	Matthias Koch			ANS Standard																x			MSP430	16	MSP430 Version
MPE MSP430 Lite	Microprocessor Engineering Limited	2013	v7.3																	x			MSP430	16	Lite version of commercial Forth
FastForth MSP430	Jean-Michel Thorrens																			x			MSP430FRxxxx	16	For TI's LaunchPad MSP-EXP430FR[5969]6989[5994]5739[4133]
eForth 78C10	C. H. Ting			eForth																	x		78C10	16	New Model with ~200 Words often compiled with MASM
eForth 8098	C. H. Ting			eForth																	x		8098	16	New Model with ~200 Words often compiled with MASM
2k1Forth	D. K. Elvey	1997																			x		ADSP2181	16	Targetcompiler für ADSP-2100 EZKIT Lite (using TCOM)
eForth ADSP2181	C. H. Ting			eForth																	x		ADSP2181	16	16-bit DSP version
fig-FORTH Alpha	Robert Berkey	1980		FIG																	x		Alpha Micro	16	Mostly Listing and source code available
4THMACS	Hanno Schwalm	1994	3.0																		x		Archimedes RISCOS	32	Hanno Schwalm's port of Mitch Bradleys "Forthmacs 3.0".
KK-Forth C165	Klaus Kohl	1998	1.3.1	Forth-83																	x		C165	16	Infineon C165 version
goforth	Matt Helligo	2012																			x		DCPU-16 (FPGA)	16	Emulator and Forth for Notch's DCPU-16
Moonforth	Marco Aurélio da Silva ?	2015																			x		DCPU-16 (FPGA)	16	Forth for the FPGA implementation of DCPU-16
4th	J.L. Bezemer	2016	3.62.4	ANS Standard																	x	x	x	x	Forth Compiler for different systems (using C or Pascal Comp.)
eForth in C	C. H. Ting			eForth																	x		different	16	Portables Forth for many systems
eForth in F#	C. H. Ting, Cheahsin Yap			eForth																	x		different	16	Windows XP
eForth in Java	C. H. Ting, Michael A. Losh			eForth																	x		different	16	Java Virtual Machine
eForth 56002	C. H. Ting, Dave Taliaferro			eForth																	x		DSP56002	16	New Model with ~200 Words often compiled with MASM
fig-FORTH Eclipse C	C. H. Ting	1982		FIG																	x		Eclipse C and S Series	16	Mostly Listing and source code available
colorForth F18	Charles H. Moore			(Moore)																	x		F18	16	Type are in the color of each word
eForth eP16/eP32	C. H. Ting			eForth																	x		FPGA	16	eP16 and eP32 in VHDL for Lattice XP2 Brevia Kit
SwapForth FT900	James Bowman			ANS Standard																	x		FT900	16/32	Cross-Platform 16-/32-Bit ANS-Forth for FDTI FT900
colorForth GA144	Charles H. Moore			(Moore)																	x		GA144	16	144 small Forth-Processors
eForth H8-532	C. H. Ting			eForth																	x		H8-532	16	New Model with ~200 Words often compiled with MASM
75Forth	John Cassidy	1983																			x		HP-75C	16	Forth for HP-75C Calculator
eForth Transputer	C. H. Ting, Bob Barr			eForth																	x		Inmos Transputer	32	Experimental version
tForth	Dutch Forth Group (HCC)	1991																			x		Inmos Transputer	16	ANSI Forth for the transputer with parallel facilities (Commercial)
eForth in J1	C. H. Ting, Samawati			eForth																	x		J1A (FPGA)	16	J1 is a FPGA-Forth Processor
mecrisp J1A	Matthias Koch			ANS Standard																	x		J1A (FPGA)	32	e.g. for Intel MAX10
SwapForth J1a	James Bowman			ANS Standard																	x		J1A (FPGA)	16/32	Cross-Platform 16-/32-Bit ANS-Forth for J1A
pbForth	Ralph Hempel	2009																			x		Lego Mindstorms RCX Brick	16	Forth for Lego Mindstorm with H8/300 Controller
eForth ARM7TMDI	C. H. Ting			eForth																	x		LPC2100, ADuC702x	32	eForth for ARM7TMDI
eForth MuP21	C. H. Ting		2.08	eForth																	x		MuP21	16	New Model with ~200 Words often compiled with MASM
fig-FORTH PACE	David Kilbridge	1979		FIG																	x		National PACE	16	Mostly Listing and source code available
F83 NC4000	Laxen & Perry	1983		Forth-83																	x		NC4000	16	Reference for many implementations
KK-Forth FG	Klaus Kohl	1990	1.2	Forth-83																	x		NC4000	16	Novics NC4000 version
cmForth	Charles H. Moore			(Moore)																	x		NC4000, RTX2000	16	Forth for FORTH-Chip Novics NC4000 and RTX-2000
fig-FORTH Nova	C. H. Ting	1981	Rel. 1	FIG																	x		Nova	16	Mostly Listing and source code available
ppForth	Jih-tung Pai	1991	08102001																		x		Palm OS	32	Palm Pilot Forth
Tachyon	Peter Jakacki	2012	3.0	16-bit wordcode																	x		Parallax Propeller P1	32	Fast Forth with FAT32+VGA
TAQOZ RELOADED	Peter Jakacki																				x		Parallax Propeller P2	32	TAQOZ included in P2 ROM or full version loadable (SD/Flash)
eForth PDP1	C. H. Ting			eForth																	x		PDP1 on FPGA	16	New Model with ~200 Words often compiled with MASM
fig-FORTH PDP11	John S. James	1980	1.3	FIG																	x		PDP11	16	Mostly Listing and source code available
Forth-11	Thomas E. McGuire																				x		PDP11	16	Kitt Peak Multi-Tasking Forth
PropellerForth	Cliff L. Biffle	2006																			x		Propeller	16	For Parallax Demo Board
PropForth	Sal Sancı																				x		Propeller	16	An Introduction to Interactively programming parallel processors

FORTH Systems Overview (2023-09 - V2)

Name	Autor	Jahr	Last Version	Standard	ARM	x86	RISC-V	MIPS	PowerPC	8080/Z80	65xx	68xx	68xxx	Coldfire	AVR	PIC	MSP430	Others	OS				System	Bits	Description
					Cortex-M	Cortex-A															CP/M	DOS			
Camel-Forth 1802	Bradford J. Rodriguez	2009		ANS Standard														x				RCA1802	16	Tested on Simulator	
microForth	Forth Inc.	2009		ANS Standard														x				RCA1802	16	Forth for RCA COSMAC	
fig-FORTH 1802	Garry R. Bradshaw	1981	Rel. 1	FIG														x				RCA1802 (COSMAC 1802)	16	Mostly Listing and source code available	
eForth E220	C. H. Ting, Johannes Eifßing			eForth														x				Sharp E220 (Z80)	16	New Model with ~200 Words often compiled with MASM	
MicroByte FORTH			v1.0	Forth-79														x				Signetics 2650	16	2650 Forth e.g. for Signetics Instructor 50	
Super8 Forth	Klaus Kohl	1991		Forth-83														x				Super8	16	ROM-Version of Zilog Super8	
F-TP	Fred Behringer	1996	1.00	F83, TurboForth														x				T80x	16	Forth for the Transputer T80x	
TurboForth	Mark Wills																	x				TI-99/4A	16	TMS9900 Forth for Texas Instruments TI-99/4A	
fig-FORTH 9900	9900 Software Services	1981		FIG														x				TMS9900 (TI 99/4)	16	Mostly Listing and source code available	
fig-FORTH VAX	Bob Haller, Doug Mercer	1980	1.0	FIG														x			x	VAX (Unix)	16	Mostly Listing and source code available	
Java Forth	Frank Buss			Java Forth														x			x	Web-Browser	32	Class-Implementation of Forth	
ORForth	Robert Edwards	2008		Forth-83														x				Z8	16	using 32K EPROM and 32K RAM	
Fast 8 Forth	M. Simon	1996		FIG														x				Z8, Super8	16	High speed Forth based on a modified version of fig-FORTH model	