FORTH System Overview 2021 (Sorted by Target)

Name	Autor	Jahr	Last Version	Standard	ARM			x86	RISC-V	MIPS	PowerPC	8048	x51	8080/Z80	65xx	68xx	68xxx	Coldfire	AVR	PIC	MSP430	Others	OS					System	Bits	Description
					Cortex-M	Cortex-A	Cortex-R																CP/M	DOS	Windows	Linux	Other			
Camel-Forth (new)	Bradford J. Rodriguez			ANS Standard	x									x	x													65C02, Rpi Pico, eZ80	16-48	Newer Versions
muforth	muforth.nimblemachines.com			Small Forth	x				x							x				x	x							AVR, HC08, PIC18 …	16	Small, simple, fast, indirect-threaded code Forth
coreForth	Eckhart Koeppen	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				ANS Standard	x			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
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
FCC	Braden Shepherdson	2020		ANS Standard		x		x																				x86 and ARMv7	32	FCC - Portable C engine
hForth	Wonyong Koh			eForth		x		x						x														StrongArm, x86, Z80	16/32	Based on eForth
Punyforth	Attila Magyar	2018		Forth inspired …		x		x														x				x		Rpi, ESP8266	32	Simple stack-based Language for IoT
ForthARM	Braden Shepherdson	2020		ANS Standard		x																						ARMv6	32	Forth for Raspberry PI
minForth	John Williamson			ANS Standard		x																		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	https://github.com/aviatorRHK/rpiForth	2013				x																						Raspberry Pi	32	A Forth Operating System for Raspberry Pi
Camel-Forth 8086	Bradford J. Rodriguez	2009	0.2	ANS Standard				x																x				8086	16	DOS-Version
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
DX-Forth	Ed ?	2001	4.17	Forth-83				x																x				DOS	16	Experimental Forth Compiler for DOS
Fifth	CLICK Software							x																				DOS	16	Fifth is an interactive program development environment
FIRST	W.Schemmert	1994		ANS Subset				x																x				DOS	16	FIRST is an ANS Forth Standard CORE subset
FORTH86	Jerry Boutelle			FIG				x																				DOS	16	Adaption of FIG-8086 to NAUTILUS metacompiler
ForthCPM	Tom Almy	2018		ANS or FIG				x																				DOS	16	Compiles Forth into machine code
F-PC	Tom Zimmer	1991	3.56	Forth-83				x																x				DOS	32	Standard for DOS Forth
Holon	Wolf Wejgaard	1996	4.0					x																x				DOS	16	Modular Forth
L.O.V.E Forth	H. Seyverd, W. R. Elehew, P. Cavén	1988		Forth-83				x																				DOS	16	Distributed under the User Supported software concept
LaForth	LaFarr Stuart, Robert L. Smith			FIG				x																x				DOS	16	An Experimental Forth For IBM-PC
MINI4TH	Ted Beach	1988		Small Forth				x																x				DOS	16	Small Forth system based on ZEN Forth
Pygmy	Frank Sergeant	1990	1.7	Small Forth/ANS				x																x				DOS	16	Small Reference to ANS
StrongForth	Dr. Stephan Becher			ANS Standard				x																				DOS	16	ANS Forth with strong type checker
volksForth DOS			3.81.41	Forth-83				x																x				DOS	16	Forth-83 Implementation by Forth e.V.
ZEN Forth	Martin Tracy			Small Forth				x																x				DOS	16	Small Reference to ANS
Zimmer Forth	Tom Zimmer			Forth-83				x																x				DOS	16	Used for some trainings
colorForth DOS	Charles H. Moore			(Moore)				x																x				DOS (386)	32	Type are in the color of each word
FIG-Forth 386-DOS				FIG				x																x				DOS (386)	32	Mostly Listing and source code available
eForth 8086/80386	C. H. Ting			eForth				x																x				DOS (8086)	16/32	New Model with ~200 Words often compiled with MASM
FIG-Forth 8086-DOS				FIG				x																x				DOS (8086)	16	Mostly Listing and source code available
KK-Forth PC	Klaus Kohl	1990	1.2	Forth-83				x																x				DOS (8086)	16	DOS implementation with terminal for other versions
LMI UR/Forth	Laboratory Microsystems	1987		Forth-83				x																				DOS (8086)	16	Commercial Forth-System for DOS
MinForth DOS	Andreas Kochenburger			ANS Standard				x																x				DOS (8086)	16	Minimalistic but complete FORTH System in (Turbo-)C
FIG-Forth 8086-IBM				FIG				x																x				DOS (IBM 8086)	16	Mostly Listing and source code available
F83 8086	Laxen & Perry	1983		Forth-83				x															x	x				DOS, CP/M	16	Reference for many implementation
Eulex	David Vázquez Púa	2009		Forth-79				x																				i386	32	A Bare Metal Forth Implementation
ciforth (lina)	Albert von der Horst (HCC)	2010	4.1	ISO Forth				x																x	x		x	Intel MAC	16/32	Same source for all implementations
Ipforth	Jih-tung Pai	2001						x																		x		Linux	32	Small Forth for 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)
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	Egmond Woitzel			Forth-83				x																	x			Windows	32	Commercial Forth-System for Windows
colorForth Windows	Charles H. Moore			(Moore)				x																	x			Windows (386)	32	Type are in the color of each word
Gforth Linux	Crook/Ertl/Kühhling/Paysan/Wilke		0.7.9	ANS Standard				x																	x			Windows (386)	32	Portables Forth for many systems
Gforth Win32	Crook/Ertl/Kühhling/Paysan/Wilke		0.7.9	ANS Standard				x																	x			Windows (386)	32	Portables Forth for many systems
Gforth Win64	Crook/Ertl/Kühhling/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

FORTH System Overview 2021 (Sorted by Target)

Name	Autor	Jahr	Last Version	Standard	ARM			x86	RISC-V	MIPS	PowerPC	8048	x51	8080/Z80	65xx	68xx	68xxx	Coldfire	AVR	PIC	MSP430	Others	OS					System	Bits	Description
					Cortex-M	Cortex-A	Cortex-R																CP/M	DOS	Windows	Linux	Other			
Reva	Ron Aaron			ANS Standard				x																	x	x		Windows, Linux	32	Based on RetroForth with ideas from HelFORTH
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
eForth MIPS	C. H. Ting			eForth						x																		Silicon Graphics WS	16	Small C loader and use I/O routines from C library
44	Larry Battraw	1996		Small Forth							x																	PPC403	16	Small Forth-like system
eForth PowerPC	C. H. Ting			eForth							x																	MPW on PowerPC-Mac	32	NEXT is a branch-through-link-register machine instruction
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
amrFORTH	A. L. Mitchell, C. Shattuck		V5										x		x							x		x	x	x		68HC11, C166	16/32	Use F-PC or Win32Forth
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						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)
eForth 8080	C. H. Ting			eForth										x										x				8080 on FPGA	16	New Model with ~200 Words often compiled with MASM
FIG-Forth 8080				FIG										x														8080, TRS-80	16	Mostly Listing and source code available
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.
FIG-Forth TRS-80				FIG										x													x	TRS-80 (8080)	16	Mostly Listing and source code available
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				FIG										x													x	Z80, CP/M-80, Amstrat	16	CP/M-80, Amstrat CPC464
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										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
FIG-Forth 6502				FIG											x													6502	16	Variants also for Atari 400/800, Apple II, Nova, and Eclise C
Tali Forth	Scot W. Stevenson	2014													x													65C02	16	STC-Implementation of ANS
OF816	https://github.com/mgcaret	2020		IEEE 1275-1994											x													65C816	16	65C816 Forth heavily inspired by Open Firmware
FIG-Forth Apple-II				FIG											x												x	Apple-II (6502)	16	Mostly Listing and source code available
Forth II	William G. Graves														x												x	Apple-II (6502)	16	Apple ROM Version with book "FORTH for the Complete Idiot"
GraForth	Paul Lutus														x												x	Apple-II (6502)	16	Forth with graphic and sound support
GSForth															x												x	Apple-II (6502)	16	No information - only disc images
Qforth	Toshiyasu Morita, R. Kneusel														x												x	Apple-II (6502)	16	A simple 16-bit integer Forth for ProDOS
UniForth 6502	Unified Software Systems														x												x	Apple-II (6502)	16	Subset of professional UNIFORTH (UniForth Sampler)
volksForth Apple-II			3.8	Forth-83											x												x	Apple-II (6502)	16	Forth-83 Implementation by Forth e.V.
Atari Coin Op Forth	B. A. Miller, D. McIntyre, E. A. Klotz	1983		FIG											x													Atari 400/800	16	Variant of FIG Forth
ValForth	Valpar International	1982		FIG											x													Atari 400/800	16	Support for graphic games
volksForth Atari 400			3.81.03	Forth-83											x												x	Atari-8 Bit (6502)	16	Forth-83 Implementation by Forth e.V.
64forth Cartridge	Tom Zimmer	2002		F83											x												x	C64	16	64FORTH is a cartridge program for the Commodore 64
Blazin' Forth	Scott Ballantyne			F83											x												x	C64	16	A complete Forth-83 system for the C64
DurexFORTH	Jkotlinski		1.3												x												x	C64	16	Modern C64 Forth with graphics and music support
volksForth C64			3.81	Forth-83											x												x	Commodore C64 (6510)	16	Forth-83 Implementation by Forth e.V.
VIC Forth	Tom Zimmer	1982													x												x	Commodore VIC-20	16	Forth cartridge for Commodore VIC-20
Jupiter ACE Forth															x													Jupiter ACE	16	One of few personal computer with Forth in ROM
Pettil															x													PET2001 (6502)	16	
RSC Forth	Rockwell International	1983	1.7	FIG											x													R65F11/12	16	FORTH im ROM / Rockwell R65FR1 Forth Develoment ROM
FF2-6800	Wilson M. Federici			FIG												x												6800	16	Forth83/Flex2 distribution disk
FIG-Forth 6800				FIG												x												6800	16	Mostly Listing and source code available
eForth 6805	C. H. Ting			eForth												x												6805	16	Used for FPGA implementation
RAFOS FORTH	Everett Carter	1986	V1.0	Forth-79												x												6805	16	
Camel-Forth 6809	Bradford J. Rodriguez	1995		ANS Standard												x												6809	16	Tested on ScroungeMaster II, MAIS AN601 port from Albert Nijhof
FF2-6809	Wilson M. Federici			FIG												x												6809	16	Forth83/Flex2 distribution disk
FIG-Forth 6809				FIG												x												6809	16	Mostly Listing and source code available
eForth 6811	C. H. Ting, Karl Lunt, W. Schemert			eForth												x												6811	16	New Model with ~200 Words often compiled with MASM
FIG-Forth 6811				FIG												x												6811	16	Mostly Listing and source code available
IsoMax																x												6811	16	Forth-like Language for RT-application and Isostructure
LMI Forth	Ray Duncan, A. Flesch	1987		Forth-83												x												6811	16	Source and Assembler
eForth 6812	C. H. Ting			eForth												x												6812	16	Optimized using subroutine threading
Max-Forth	MS Microscan			Forth-83												x												6812	16	MAX-Forth adaptet to 68HC12
eForth 6816	C. H. Ting, Pete Zawasky			eForth												x												6816	16	New Model with ~200 Words often compiled with MASM
Zforth	Impossible Mission Force	2019		Forth-79												x												6809 (HD63C09)	16	For Hitachi HD63C09 single board computer
Ninth Forth	YakPeople - Strick Yak	2016														x											x	6809 (OS-9)	16	Forth

FORTH System Overview 2021 (Sorted by Target)

Name	Autor	Jahr	Last Version	Standard	ARM			x86	RISC-V	MIPS	PowerPC	8048	x51	8080/Z80	65xx	68xx	68xxx	Coldfire	AVR	PIC	MSP430	Others	OS					System	Bits	Description
					Cortex-M	Cortex-A	Cortex-R																CP/M	DOS	Windows	Linux	Other			
WHYP	Richard E. Haskell															x	x											68HC11/12, 68332	16/32	WHYP = Words to Help You Program
nanoFORTH	Rafael Deliano	2004		Forth-83												x												68HC908GP32	16	Available with assembler
MaxForth	MS Microscan	1986														x												F68HC11	16	6811 with Forth in ROM (New Micros NMIS-0021 Forth SBC)
Forth09	D. P. Johnson	1988		Forth-83												x												OS-9 for 6809	16	Forth for OS-9 running on 6809
eForth STM8	C. H. Ting			eForth												x												STM8	16	STMicroelectronics STM8 is a modification of NXP HC08
STM8EF	Thomas (TG9541)			eForth												x												STM8	16	Based on eForth STM8 using SDCC
botForth	Steve Sheppard			Forth-83													x										x	68000	32	68000 Forth in assembler
eForth 68000	C. H. Ting, Richard H. Haskell			eForth													x											68000	32	New Model with ~200 Words often compiled with MASM
FIG-Forth 68000				FIG													x											68000	32	Mostly Listing and source code available
FORTH68K	Andy Valencia	1994		Forth-83													x										x	68000	32	68000 assembler source
megaforth (genforth)	Erik Haliewicz																x											68000	32	Forth designed for the Sega Megadrive
SFORTH	Alan DeMars			Forth-83													x										x	68000	32	68000 assembler source
UniForth 68000	Unified Software Systems			Forth-83													x										x	68000	32	Subset of professional UNIFORTH (UniForth Sampler)
FIG-Forth 68020				FIG													x											68020	32	Forth for NEC Astra
KK-Forth 68332	Klaus Kohl	1990	1.2	Forth-83													x											68332	16	68332 version (16-Bit RAM version)
F68K	Jörg Plewe	1992		Forth-83													x										x	68000-PC's	32	68000-Forth for Atari ST, Sinclair QL, Amiga and OS/9
F83 Amiga	Laxen & Perry	1983		Forth-83													x											Amiga	32	Reference for many implementation
Jforth	Mike Haas, Phil Burk	1998		Forth-83													x											Amiga	32	JForth PD is a complete JForth software development system
A4TH	Peter Appelman			Forth-83													x											Amiga1000	32	A Public Domain Forth system for Amiga's
Kevo	Antero Taivalsaari	1992	0.9b2														x											Apple Macintosh	32	
MOPS	Michael Hore	1995	2.6														x											Apple Macintosh	32	
YERC	Kriya Systems, Inc.																x											Apple Macintosh	32	Yerk is an object oriented language based on a Forth Kernel
F83 Atari ST	Laxen & Perry	1983		Forth-83													x											Atari ST	32	Reference for many implementation
ForST	John Redmond	1991															x											Atari ST	32	68K subroutine-threaded Forth with optimisation
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 implementation
ucForth																		x								uC		Coldfire 5272	32	Using ucLinux 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		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
SwiftX MSP430	Forth Inc.																				x							MSP430	16	SwiftX Integrated Cross-Development Software
FastForth MSP430	Jean-Michel Thorrens																				x							MSP430FRxxxx	16	For TI's LaunchPad MSP-EXP430FR[5969|6989|5994|5739|4133]
4th	J.L. Bezemer	2016	3.62.4	ANS Standard																		x		x	x	x	x	different	16/32	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 8098	C. H. Ting			eForth																		x						8098	16	New Model with ~200 Words often compiled with MASM
eForth 78C10	C. H. Ting			eForth																		x						78C10	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				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
DCPU																						x						DCPU-16 (FPGA)		Forth for Notch's DCPU-16
Moonforth																						x						DCPU-16 (FPGA)	16	Forth for the FPGA implementation of DCPU-16
eForth 56002	C. H. Ting, Dave Taliaferro			eForth																		x						DSP56002	16	New Model with ~200 Words often compiled with MASM
FIG-Forth Eclipse C				FIG																		x						Eclipse C	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 Cassady	1983																				x						HP-75C	16	Forth for HP-75C Calculator
eForth Transputer	C. H. Ting, Bob Barr			eForth																		x						Inmos Transputer	32	Experimental version
eForth in J1	C. H. Ting, Samawati			eForth																		x						J1A (FPGA)	16	J1 is a FPGA-Forth Processor

FORTH System Overview 2021 (Sorted by Target)

Name	Autor	Jahr	Last Version	Standard	ARM			x86	RISC-V	MIPS	PowerPC	8048	x51	8080/Z80	65xx	68xx	68xxx	Coldfire	AVR	PIC	MSP430	Others	OS					System	Bits	Description
					Cortex-M	Cortex-A	Cortex-R																CP/M	DOS	Windows	Linux	Other			
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
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				FIG																		x						National PACE	16	Mostly Listing and source code available
F83 NC4000	Laxen & Perry	1983		Forth-83																		x						NC4000	16	Reference for many implementation
KK-Forth FG	Klaus Kohl	1990	1.2	Forth-83																		x						NC4000	16	Novics NC4000 version
cmForth	Charles H. Moore			(Moore)																		x					x	NC4000, RTX2000	16	Forth for FORTH-Chip Novics NC4000 and RTX-2000
FIG-Forth Nova				FIG																		x						Nova	16	Mostly Listing and source code available
ppForth	Jih-tung Pai	1991	08102001																			x					x	Palm OS	32	Palm Pilot Forth
eForth PDP1	C. H. Ting			eForth																		x						PDP1 on FPGA	16	New Model with ~200 Words often compiled with MASM
FIG-Forth PDP11				FIG																		x						PDP11	16	Mostly Listing and source code available
Forth-11	Thomas E. McGuire																					x						PDP11	16	Kitt Peak Multi-Tasking Forth
The Virtuall Forth Computer				FIG																		x						PDP11	16	FIG-Forth adaption to PDP11
PropellerForth	Cliff L. Biffle	2006																				x						Propeller	16	For Parallax Demo Board
PropForth	Sal Sanci																					x						Propeller	16	An Introduction to Interactively programming parallel processors
Tacyon	Peter Jakacki	2012	3.0	ANS Standard																		x						Propeller	16	Fast Forth for Parallax Propeller with FAT32+FGA
Camel-Forth 1802	Bradford J. Rodriguez	2009		ANS Standard																		x						RCA1802	16	Tested on Simulator
FIG-Forth 1802				FIG																		x						RCA1802	16	Mostly Listing and source code available
microForth	Forth Inc.	2009		ANS Standard																		x						RCA1802	16	Forth for RCA COSMAC
eForth E220	C. H. Ting, Johannes Eißing			eForth																		x						Sharp E220 (Z80)	16	New Model with ~200 Words often compiled with MASM
Super8 Forth	Klaus Kohl	1991		Forth-83																		x						Super8	16	ROM-Version of Zilog Super8
FIG-Forth 9900				FIG																		x						TI 99/4	16	Mostly Listing and source code available
TurboForth	Mark Wills																					x						TI-99/4A	16	TMS9900 Forth for Texas Instruments TI-99/4A
tForth	Dutch Forth Group (HCC)	1991																				x						Transputer	16	ANSI Forth for the transputer with parallel facilities (Commercial)
F-TP	Fred Behringer	1996	1.00	F83, TurboForth																		x						Transputer T80x	16	Forth for the Transputer T80x
FIG-Forth VAX				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
bigForth	Bernd Paysan	2010	2.4	ANS Standard																					x	x		x86	32	32-bit Forth with tools like MINOS (GUI for X)
FORTH2020	Peter Forth	2020		ANS Standard																					x			Windows	32	Based on WinForth
79-Forth	C. H. Ting	1983	1	FORTH-79																							x	Apple-II (6502)	16	Apple ROM Version with book "FORTH for the Complete Idiot"
FOeRTHchen	Helmar Wodtke			Subset																								x86, Javascript, Perl	32	The small Forth