

# Forth Presentations and papers of James Brakefield

Column header info at bottom

Date	For mat	Topic	Aut hor	Nature	Where	Web Link	locac tion	Title	Comments	Abstract
4/17/2018	pptx	uP Arch	JCB	info	C16	<a href="https://events.vtools.ieee.org/m/170930">https://events.vtools.ieee.org/m/170930</a>	Web page	<b>Soft-Core CPUs An inventory of ~600 designs</b>	<a href="https://github.com/jimbrake/cpu_soft_cores">https://github.com/jimbrake/cpu_soft_cores</a>	One of the most exciting parts of learning VHDL or Verilog is creating a CPU of your own design.
2/22/2014	pdf, xlsx	soft uP	JCB	spread sheet	open cores	<a href="https://opencores.org/projects/up_core_list/">https://opencores.org/projects/up_core_list/</a>	Web page	An inventory of soft processor cores. Processor project at <a href="http://www.opencores.org">www.opencores.org</a>	<a href="https://github.com/jimbrake/cpu_soft_cores">https://github.com/jimbrake/cpu_soft_cores</a>	An Inventory of mostly open-source Soft Core Processors. Although many have FPGA stats, many do not. Very large spreadsheet
6/1/1992			JCB		Forth conf		Git hub	Forth in the extra-extra large (64-bit Forth). Presented at Rochester Forth Conference, Jun 92.		
10/1/1991	scan pdf	Forth Journ	JCB	paper	Fourth Journal	<a href="https://dl.forth.com:8443/jfar/vol3/no2/article13.pdf">https://dl.forth.com:8443/jfar/vol3/no2/article13.pdf</a>	Web page	An alternate Forth dictionary structure		The data structures used for definitions and the word search of Forth can facilitate various utilizations of the same. My goal is completeness and efficiency.
3/7/1991	pdf	Forth	JCB	paper	Forth worksh	search on "Brakefield Challenges for Forth"		Challenges for Forth	never submitted for publication, mystery as to how got published	ways for Forth to progress beyond it's 16-bit roots
6/1/1986	docx	uP Arch	JCB	paper	Fourth Journal		Git hub	Signal space, address space, & symbol space	philosophical, one of my best "triples". <b>Incomplete docx</b>	conjures up "spaces" for binary signals, computer addresses & verbal thoughts as mathematical frameworks for binary circuits, computer programs & ideas
10/1/1985	pdf	Forth	JCB	talk	Rochester Forth Conf		Git hub	An Alternate Forth Dictionary Structure		The data structures used for definitions and the word search of Forth can facilitate various utilizations of the same. My goal is completeness and efficiency.
2/1/1983	pdf	uP Arch	JCB	paper	Open Channel	search on "ACM James Brakefield", free	Git hub	Address space unification	Virtual communications, Extensible machine language, The programmer's algebra	Computers show man's tendency to isolate things that are different in nature and later, as they are better understood, to unify these differences under a more general category.
12/1/1982	pdf	Forth	JCB	paper	Sigarch	search on "ACM James Brakefield", free	Git hub	Talk on interpreters	Forth generalizations, has the "C as bastard Pascal" comment	different kinds of inner interpreters for stack machines (Forth)
6/1/1982	pdf	uP Arch	JCB	paper	Sigarch	search on "ACM James Brakefield", free	Git hub	<b>Just what is an op-code?: or a universal computer design</b>	most cited of my papers	extensible machine langague
			JCB					Brakefield, J.C. 1984. Address space unification and Forth. Rochester Forth Conference Proceedings, p. 101.		

<https://www.forth.com/forth-books/jfar-archives/>

Archive: Journal of Forth Application and Research (JFAR)

volumes 1, 2 & 3; from Forth Inc.

Column B	Date	presentation date or publication date
Column C	Format	powerpoint, PDF, txt, scanned pdf, docx, doc, xlsx, xilinx ISE project
Column D	Topic	one or two words
Column E	Author	JCB: James C. Brakefield, others as listed in comments
Column F	Nature	info (STEM level presentation), course, paper, patent, report
Column G	Where	Where presented, often IEEE Lonestar section at LMAG or Computer chapter
Column H	Web Link	Web page for paper or presentation
Column I	location	Location of slides/paper: listed Web page, Github (github/jimbrake), opencores.org, other
Column J	Title	Web page title and pptx file title may differ
Column K	Comments	Side information
Column L	Abstract	Culled from web page announcement or source file