

# Publications by Bradford J. Rodriguez

## Master Index

This is an index of papers I have published, seminars I have presented, and computer programs I have made public. Those with links are available on this site. Please note that many of the papers include illustrations -- your browser should support GIF files. Detailed drawings are sometimes offered as PDF (Adobe Acrobat) files.

### PAPERS

#	Title	Date	Publication
040	<a href="#">Asynchronous Serial I/O With The PSC1000</a>	Nov 98	FORML '98
039	<a href="#">The "Ztar" MIDI Controller</a>	Nov 98	FORML '98
038	<a href="#">Object Oriented Forth and Building Automation Control</a>	Nov 98	FORML '98
037	<a href="#">Multitasking 8051 CamelForth</a>	Dec 97	TCJ #81
036	<a href="#">Embedded Temporal Expert for Control of a Tandem Accelerator</a> (thesis)	Jun 97	McMaster Univ.
035	Toward a Distributed, Object-Based Forth*	Jun 97	Rochester'97
034	<a href="#">A System for Distributed Inferencing</a> (with W.F.S. Poehlman)	Jun 96	Rochester'96 / JFAR
033	<a href="#">A Survey of Object-Oriented Forths</a> (with W.F.S. Poehlman)		
	<a href="#">A Minimal TTL Processor for Architecture Exploration</a>	Mar 94	SigForth'94
029	Harvard Architectures and Forth	Jun 93	Rochester'93
028e	<a href="#">Multiprocessing for the Impoverished Part 5</a>	Nov 94	TCJ #70
028d	<a href="#">Multiprocessing for the Impoverished Part 4</a>	Jul 94	TCJ #68
028c	<a href="#">Multiprocessing for the Impoverished Part 3</a>	Mar 94	TCJ #66
028b	<a href="#">Multiprocessing for the Impoverished Part 2</a>	Sep 93	TCJ #63
028a	<a href="#">Multiprocessing for the Impoverished Part 1</a>	May 93	TCJ #61
027a	Fast Inferencing of Static Rule Sets (update)	Jun 93	Rochester'93
027	Fast Inferencing of Static Rule Sets	Feb 93	SigForth'93
026i	<a href="#">Moving Forth Part 8</a> , 6809	Jul 95	TCJ #74
026h	Moving Forth Part 7.5, 8051 contd.	Mar 95	TCJ #72
026g	<a href="#">Moving Forth Part 7</a> , 8051	Jan 95	TCJ #71
026f	<a href="#">Moving Forth Part 6</a> , Z80 high level	Sep 94	TCJ #69
026e	<a href="#">Moving Forth Part 5</a> , Z80 primitives	May 94	TCJ #67
026d	<a href="#">Moving Forth Part 4</a> , assemble vs. metacompile	Nov 93	TCJ #64
026c	<a href="#">Moving Forth Part 3</a>	Jul 93	TCJ #62
026b	<a href="#">Moving Forth Part 2</a>	Mar 93	TCJ #60
026a	<a href="#">Moving Forth Part 1</a>	Jan 93	TCJ #59
025	<a href="#">Forth Multitasking in a Nutshell</a>	Nov 92	TCJ #58
024	<a href="#">The Echelon Lighting Control System</a>	Jun 92	Rochester'92
023	Loading Text Files from Screen-Based Forths	Feb 92	SigForth 3:4
022	A Threaded Microprogram Machine	Nov 91	FORML'91
021	(letter) Defense of Metacompilation	Sep 91	FD 13:3
020	(letter) Four Refutations of Text Files	Jun 89	SigForth 1:2
019	What Zilog Never Told You About the Super8	Jan 92	TCJ #54
018	<a href="#">A 6809 Forth Assembler</a> , with <a href="#">program listing</a>	Jul 91	TCJ #54
017	<a href="#">B.Y.O. Assembler</a>	Jul 91	TCJ #52
016	A Z8 Talker and Host	May 91	TCJ #51
015	Rules Evaluation Through Program Execution	Jun 90	Rochester'90
014	Interactive Embedded Metacompilation	Jun 90	Rochester'90

013 (letter) Why I Don't Buy Forth	30 Jun 90	SigForth 2:1
012 (letter) Three Observations	02 May 90	JFAR
011 Stack Frames in Forth	24 Jan 90	SigForth 1:4
010c Fundamentals of Metacompilation Part 3	Jan 93	FD 14:5
010b Fundamentals of Metacompilation Part 2	Nov 92	FD 14:4
010a Fundamentals of Metacompilation Part 1	Sep 92	FD 14:3
010 Moving Forth: Fundamentals of Metacompilation		Bradley Univ.
009 Microprocessor Techniques for Experimental Physics		Bradley Univ.
008 Pattern Matching in Forth	Nov 89	FORML'89
007 PatternForth (thesis)	Oct 89	Bradley Univ.
006 Strings, Associative Access, & Memory Allocation*	Jun 89	Rochester'89/JFAR
005 A Forth Exception Handler	13 Mar 89	SigForth 1:2
004 A Multiprocessor Forth Kernel	12 Mar 89	FD 11:3
003 Super8 Forth Assembler	08 Mar 89	Bradley Univ.
002 Assembling in Forth	08 Mar 89	Bradley Univ.
001a <a href="#">A BNF Parser in Forth (rewrite)</a>	24 Jan 90	SigForth 2:2
001 A BNF Parser in Forth	16 Sep 88	Bradley Univ.
--- VectorForth	Jun 89	Rochester'89
--- ME 715 papers		McMaster Univ.

\*=with co-author(s)

FD= [Forth Dimensions](#)

TCJ= [The Computer Journal](#)

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## SEMINARS

#	Title	Date	Occasion
S11	Creating Turnkey Systems	10 Sep 94	SOFIG
S10	Expert Systems for your PC	12 Mar 94	SOFIG
S09	Embedding Forth Applications	Mar 94	SigForth'94
S08	Intermediate Forth Programming	Mar 94	SigForth'94
S07	The Pathetic Instruction Set Computer	Sep 93	SOFIG
S06	Demystifying Metacompilation	Feb 93	SigForth'93
S05	Forth Multitasking in a Nutshell	Sep 92	SOFIG
S04	The Echelon Lighting Control System	Jun 92	SOFIG
S03	Forth for Expert Systems	Jun 91	ACsG
S02	Embedded Systems Programming in Forth	Mar 90	SOFIG
S01	Forth Metacompilation in a Nutshell	Dec 88	SOFIG

ACsG=McMaster University Applied Computersystems Group

SigForth=ACM Special Interest Group on Forth

SOFIG=Southern Ontario Forth Interest Group

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## UPLOADS

<b>Name</b>	<b>Description</b>	<b>Date</b>
6809ASM.ZIP	6809 assembler from TCJ #54	10 Dec 91
6809TALK.ZIP	6809 talker & host from TCJ #63	09 Oct 93
<a href="#">CAM09-10.ZIP</a>	CamelForth for 6809, w/Chromium metacompiler	09 Dec 95
<a href="#">CAM51-15.ZIP</a>	CamelForth for 8051, w/multitasker	26 Aug 97
<a href="#">CAM80-12.ZIP</a>	CamelForth for Z80 CP/M	09 Dec 95
<a href="#">CAM86-10.ZIP</a>	CamelForth for 8086 MS-DOS	24 Mar 98
CHROMIUM.ZIP	Chromium Forth metacompiler	
EXPERT90.ZIP	Expert system w/executable rules	17 Jun 90
IMAGE.ZIP	Metacompiler from FD XIV:3	05 Nov 92
INCLUDE3.ZIP	INCLUDE text files from 3 PC Forths	08 Feb 92
MULTIDEM.ZIP	multitasking demo code from TCJ #58	07 Nov 92
PYGINCLD.ZIP	INCLUDE text files from Pygmy Forth	25 Jan 92
PYGNTOA.ARC	Numeric <->ASCII conversion, Pygmy Forth	03 Jul 92
PYGSHELL.ARC	Shell to DOS or editor from Pygmy Forth	03 Jul 92
PYGSIO.ARC	Interrupt-driven serial I/O, Pygmy Forth	03 Jul 92
PYGSTRUC.ARC	Data structures & arrays for Pygmy Forth	03 Jul 92
PYGXMEM.ARC	Extended memory VARIABLES for Pygmy Forth	03 Jul 92
Z8TALKER.ZIP	Z8 Talker and Host from TCJ #51	21 Jul 91

Many of these files were originally uploaded to the Forth Roundtable on the GENie computer service. They should all be available on the [Forth Interest Group FTP site](#). Files with highlighted names are available on this site.

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This page last updated 5 April 1998.

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