

Silicon Valley Chapter of the Forth Interest Group

Meeting Agenda for Saturday, 1997 Jan 25

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 P16 on the Quick Logic FPGA — CH Ting

P16 seems to fit on the 4K gate Quick Logic FPGA! Result of synthesis and simulation will be given.

12:00 Lunch (pizza? — subs from Togos?) and

Glen Haydon's Brown Bag Tutorial. Bring your Forth problem to Glen and he will organize the tutorial accordingly.

13:00 Introductions, Announcements, Rumors and Gossip

13:30 Tools for making DLLs in Win32Forth — Paul Snyder

Now DLLs can be made using public domain Win32Forth, and here is how and where you can get the tools. These will allow a Windows program to be developed to access snippets of code written in Forth.

14:30 Break

15:00 Open Floor — Anyone who has something to say about Forth.

This is an opportunity for those who use Forth at work to briefly talk about what they are doing. Some of these may turn out to be 'auditions' for future meeting presentations, or at least to develop topics for future meetings. This is also an opportunity to bring up other issues about Forth, FIG, and this chapter.

16:00 Adjourn

Post meeting "tea" at a Mountain View coffee house or somewhere else is possible, if it is too early for dinner.

North Bay FIG

Meets on the second Saturday of each month at 2055 Center Street, Berkeley.

Contact Leonard Morgenstern at 510-376-5241, or Email: nleonard@aol.com

Contact Info

INFO WRONG OR ABSENT? PLEASE EMAIL: jay_mcknight@citynet.org

John Bumgarner	flyn4th@aol.com	Byron Nilsen	bnilsen@wco.com
John Cassady	jcassady@ccnet.com	Howard Purlmutter	howard@alive.com
Jeff Fox	jfox@netcom.com	David Sanders	dsanders@sirius.com
Alan Furman	afurman@portal.com	Jim Schneider	japs@netcom.com
John Hall	johnhall@aol.com	Bob Smith	rlsmith849@gnn.com
Glen Haydon	ghaydon@forsythe.stanford.edu	Jack Woehr	jax@well.com
Andrew McKewan	mckewan@austin.finnigan.com		

See also email addresses in "Forth Help" and "Your Chapter Officers", below.

Forth Help

Below is a list of people who are ready and willing to help you with Forth-related problems in the listed areas:

Basic Concepts	John Konopka	415-574-4552		Anytime
Basic Concepts	Robert Nash	916-487-2513	bnash@calweb.com	After 5 pm
Chaos	Bob Orfelt	415-369-9136		Anytime
eForth	C. H. Ting	415-571-7639		Evenings
Emb Control	Henrik Thurfjell	408-737-1718		Evenings
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Timex	Bob Orfelt	415-369-9136		Anytime
68HC11, New Micros	John Konopka	415-574-4552		Anytime

Cool Websights

Silicon Composers	www.silcomp.com	Lots of shareware	www.shareware.com
VA Research (Dave Jaffe)	guide.stanford.edu	Monty Python	www.pythonline.com
Car Talk	www.cartalk.com	AM Research	www.amresearch.com
Forth Resource (Skip Carter)			www.taygeta.com/fig.htm
The Computer Journal			www2.psyber.com/~tcj
Mountain View Press			www.taygeta.com/jfar/mvp.html
Space Related Applications of Forth			groucho.gsfc.nasa.gov/forth
Intel Secrets/Things Intel Doesn't Want You to Know			www.x86.org

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John Ribble, SVFIG Chapter Treasurer 317 California St. Santa Cruz, CA 95060-4215

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Silicon Valley Chapter Business Meeting

The Business Meeting is normally held on the third Monday before the Saturday of the meeting. Those interested in helping to plan our meetings are encouraged to attend. The next business meeting will be held on

Monday, 1997 February 3 at 7:00 p.m.

The business meeting location is the Jack's Pizza on 2nd, 1/2 block west of "B" in San Mateo.

Your Chapter Officers

Chair:	George Perry	415-757-3113	geoperry@catch22.com
Vice Chair:	Peter Milford	415-725-0449	
Secretary:	Jay McKnight	415-965-8187	jay_mcknight@citynet.org
Treasurer:	John Rible	408-458-0399	jrible@quicksand.com
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Meeting Agenda for Saturday, 1997 Feb 22

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 Overview of Win32Forth — Andrew Korsak

Andy witnessed the development of a precursor to Win32Forth during contract work at FINNIGAN in San Jose, and helped in the conversion of chemical library search modules for it from an earlier Forth. He is now using Win32Forth in developing embedded systems at READ-RITE in Milpitas for testing read/write heads for disk drives. He will discuss the features and performance of this 32-bit Forth.

12:00 Lunch (pizza? — subs from Togos?) and

Glen Haydon's Brown Bag Tutorial. ◀

13:00 Introductions, Announcements, Rumors and Gossip

13:30 Open Firmware Overview — John Hall

John will tell us how Open Firmware is dealt with at Apple and Sun.

14:30 Break

15:00 Open Floor — Forth Topics of Current Interest

Anyone can informally present a Forth topic that interests them that they want to share. More than one person can present in this time period. This open period happens when no-one is scheduled to speak formally.

16:00 Adjourn

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Meeting Agenda for Saturday, 1997 Mar 22

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 Open Firmware in Small Companies — C.H. Ting

Now that there is this standard, does the **something** have to comply to be marketable? One way to figure out how this should go is to get additional training and get paid handsomely for it. So by getting a job doing Open Firmware software for small workstation clone manufacturers, one can figure out what it takes to get our own Forth machines to comply with another of our own Forth standards.

12:00 Lunch (pizza? - subs from Togos?) and

Glen Haydon's Brown Bag Tutorial. Bring your forth problem to Glen and he will organize the tutorial accordingly.

13:00 Introductions, Announcements, Rumors and Gossip

13:30 Tools for making DLLs in LMI Forth — Paul Snyder

Now DLLs can be made using Forth, and here is how you can do it using Laboratory Microsystems Forth. These DLLs will allow any windows program to be developed to access snippets of code written in Forth.

14:30 Break

15:00 Hardware Threaded Code — John Rible

Yet another threading technology that is easily implemented in hardware.

16:00 Adjourn

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1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 PCI Bus and Open Firmware — *John Hall*

John Hall will discuss the PCI Bus specifications and how Open Firmware relates to building a device tree.

12:00 Lunch (pizza? - subs from Togos?) and

Glen Haydon's Brown Bag Tutorial. Bring your forth problem to Glen and he will organize the tutorial accordingly.

13:00 Introductions, Announcements, Rumors and Gossip

13:30 Power PC eForth — *C.H. Ting*

This is about the implementation and characteristics of eForth under the Mac OS.

14:30 Break

15:00 Open Floor — anyone who has something to say about Forth. This is an opportunity for those who use Forth at work to briefly talk about what they are doing. Some of these may turn out to be 'auditions' for future meeting — who knows! Oh, anyone who has done anything in or with Java may talk about that too!

16:00 Adjourn

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Vice Chair:	Peter Milford	415-725-0449	
Secretary:	Jay McKnight	415-965-8187	jay_mcknight@citynet.org
Treasurer:	John Rible	408-458-0399	jrible@cruzio.com
Genie Liaison:	Paul Snyder	408-371-3063	
Disk Librarian:	Dwight Elvey	408-423-3451	
Program Chair:	John Carpenter	415-960-1256	jdcar@leland.stanford.edu
Communications:	Henry Vinerts	510-790-3945	v.vinerts@genie.com

Treasurer's Report: 1996 SVFIG Account

Income:	Members (1)	650 \$	
	4th Day (2)	0 \$	
			650 \$
Expenses:	Newsletter	(555 \$)	
	Business meetings (3)	(503 \$)	
	8051 Demo Board	(200 \$)	
			(1258 \$)
	1996 Surplus (deficit)		(608 \$)
	95-12-31 Account balance		1466 \$
	96-12-31 Account balance		858 \$

Notes:

- (1) This includes both prepaid and per-meeting dues plus any donut revenue. Equivalent to only 26 dues-paying members!
- (2) 1995 4th day revenue was 350 \$. We might want to plan it better and get the extra money this year.
- (3) This has gone down 40 % in the last six months as fewer people come to the planning meetings (and eat less pizza!).

John Rible, SVFIG Treasurer

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Silicon Valley Chapter of the Forth Interest Group

Meeting Agenda for Saturday, 1997 May 24

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

**NOTE: THIS MEETING IS ON THE MEMORIAL DAY WEEKEND AND
NOT ON THE LAST SATURDAY OF THE MONTH
AS THE 4TH SATURDAYS TEND TO BE.**

09:45 Coffee and Donuts

10:00 Forth Vocabularies: OOP Classes? — C.H. Ting

Ting will give us a tutorial on the Forth vocabulary scheme to lay the foundations as to how it traditionally works and is used so that we can decide on how to make the scheme more useful in current styles of programming. Can it be beefed up to support classes in OOP style of programming? We will see...

12:00 Lunch (pizza? - subs from Togos?) and

Glen Haydon's Brown Bag Tutorial

Bring your forth problem to Glenn and he will organize the tutorial accordingly.

13:00 Introductions, Announcements, Rumors and Gossip

13:30 Report on the American Nuclear Society Meeting — Skip Carter

Skip went to the American Nuclear Society conference on Robotics and Remote Systems. He will give us a report on what he has learned from the proceedings.

14:30 Break

15:00 Open Floor — anyone who has something to say about Forth.

16:00 Adjourn

Post meeting "tea" at a Mountain View coffee house or somewhere else is possible, if it is too early for dinner.

North Bay FIG

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Contact Leonard Morgenstern at 510-376-5241, or Email: nleonard@aol.com

Contact Info

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John Cassidy	jcassady@ccnet.com	Howard Purlmutter	howard@alive.com
Jeff Fox	jfox@netcom.com	David Sanders	dsanders@sirius.com
Alan Furman	afurman@portal.com	Jim Schneider	japs@netcom.com
John Hall	johnhall@aol.com	Bob Smith	BobSmith4@aol.com
Glen Haydon	ghaydon@forsythe.stanford.edu	Jack Woehr	jax@well.com
Andrew McKewan	mckewan@austin.finnigan.com		

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Cool Websights

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VA Research (Dave Jaffe)	guide.stanford.edu	Monty Python	www.pythonline.com
Car Talk	www.cartalk.com	AM Research	www.amresearch.com
Forth Resource (Skip Carter)			www.taygeta.com/fig.htm
The Computer Journal			www2.psyber.com/~tcj
Mountain View Press			www.taygeta.com/jfar/mvp.html
Space Related Applications of Forth			groucho.gsfc.nasa.gov/forth
Intel Secrets/Things Intel Doesn't Want You to Know			www.x86.org

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John Rible, SVFIG Chapter Treasurer 317 California St. Santa Cruz, CA 95060-4215

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Monday, 1997 May 7 at 7:00 p.m.

The business meeting location is the Jack's Pizza on 2nd, 1/2 block west of "B" in San Mateo.

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Silicon Valley Chapter of the Forth Interest Group

Meeting Agenda for Saturday, 1997 June 28

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 Walking on One Leg — C.H. Ting

Get rid of the Forth interpreter. Advantage: compile-time control structures. Disadvantage: awkward compile-time code.

12:00 Lunch (pizza? - subs from Togos?) and

Glen Haydon's Brown Bag Tutorial

Bring your Forth problem to Glen and he will organize the tutorial accordingly.

13:00 Introductions, Announcements, Rumors and Gossip

13:30 Teach a Chicken to Dance — "Jet" Thomas

An application of some useful programming concepts. The example is training a (virtual) chicken by using the basic method for training a real chicken — sequence of behavior from end toward the beginning. There will be a demonstration during the break.

14:30 Break

15:00 Open Floor — anyone who has something to say about Forth.

16:00 Adjourn

Post meeting "tea" at a Mountain View coffee house or somewhere else is possible, if it is too early for dinner.

North Bay FIG

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Jeff Fox	jfox@netcom.com	David Sanders	dsanders@sirius.com
Alan Furman	afurman@portal.com	Jim Schneider	japs@netcom.com
John Hall	johnhall@aol.com	Bob Smith	BobSmith4@aol.com
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Car Talk	www.cartalk.com	AM Research	www.amresearch.com
Forth Resource (Skip Carter)			www.taygeta.com/fig.htm
The Computer Journal			www2.psyber.com/~tcj
Mountain View Press			www.taygeta.com/jfar/mvp.html
Space Related Applications of Forth			groucho.gsfc.nasa.gov/forth
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Silicon Valley Chapter of the Forth Interest Group

Meeting Agenda for Saturday, 1997 July 26

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 The Evolution of a Stand-alone Forth — *Skip Inskeep*

To get around some target compiling problems, Skip first implemented a serial tether, then an I2C tether, and finally a stand-alone system based on eForth to speed up his debugging. He'll talk about this evolution and describe some of the words that make it work.

11:30 What Happened at Rochester? — *John Rible*

John Rible will give his impressions of what happened there: talks, etc.

12:00 Barbeque

13:30 Swap Meet — *Everyone*

Bring anything that you want sell or trade.

14:00 Triumph of Forth — *Charles Moore*

Chuck puts Forth back into OKAD. Hear all about it.

16:00 Adjourn

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The Computer Journal			www2.psyber.com/~tcj
Mountain View Press			www.taygeta.com/jfar/mvp.html
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Meeting Agenda for Saturday, 1997 Aug 23

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 Environmental Interpreter — John Carpenter

What will be discussed is a toggleable interpreter that potentially switches from conventional Forth to a fuzzy interpreter that takes a continuous data stream from the environment. The environment could be any product of analog to digital conversion which here would be emulated by keyboard entry.

12:00 Lunch (pizza? - subs from Togos?) and

Glen Haydon's Brown Bag Tutorial

Bring your forth problem to Glen and he will organize the tutorial accordingly.

13:00 Introductions, Announcements, Rumors and Gossip

13:30 POST — C.H. Ting

This talk is about a very nice small interpreter in Forth that does the Power On Self Test for Apple Macintosh Power PCs.

14:30 Break

15:00 Planning Session for Embedded System Conference.

This is for all who want to participate in the booth, or have ideas or connections.

16:00 Adjourn

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Silicon Valley Chapter of the Forth Interest Group

Meeting Agenda for Saturday, 1997 Sept 27

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 Forth for the Palm Pilot — Skip Carter

Neal Bridges recently wrote an ANS Forth for the US Robotics Palm Pilot. Skip has loaded it onto a Pilot and has been trying it out.

12:00 Lunch (pizza? - subs from Togos?) and

Glen Haydon's Brown Bag Tutorial

Bring your forth problem to Glen and he will organize the tutorial accordingly.

13:00 Introductions, Announcements, Rumors and Gossip

13:30 CD Recording & Short-run Production — C.H. Ting

Ting's talk will demonstrate how to record CD-quality audio and write tracks to a writable CD. This will allow musicians to produce audio CDs economically in 50-piece batches.

14:30 Break

15:00 Open Floor

Anyone who has something about Forth to talk about. This may also include some last minute planning and call for volunteers for the Embedded Systems conference the following week.

16:00 Adjourn

Post meeting "tea" at a Mountain View coffee house or somewhere else is possible, if it is too early for dinner.

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Jeff Fox	jfox@netcom.com	Howard Purlmutter	howard@alive.com
Alan Furman	afurman@portal.com	David Sanders	dsanders@sirius.com
John Hall	johnhall@aol.com	Jim Schneider	japs@netcom.com
Glen Haydon	ghaydon@forsythe.stanford.edu	Bob Smith	BobSmith4@aol.com
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Meeting Agenda for Saturday, 1997 Oct 25

at

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1175 Bordeaux Dr, Sunnyvale, California

09:45 Coffee and Donuts

10:00 Forth for the Palm Pilot — Skip Carter

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Silicon Valley Chapter of the Forth Interest Group

Forth Day

Meeting Agenda for Saturday, 1997 Nov 15

at

Cogswell College

1175 Bordeaux Dr, Sunnyvale, California

09:30 REGISTRATION, COFFEE, & DONUTS

Registration Fee: 10 \$

Banquet: 15 \$ — Reservations taken at this time

10:00 FIRST SESSION

Welcome, State of SVFIG — *George Perry*

Treasurer's Report — *John Rible*

SP16, An Educational Forth Machine — *John Rible*

Using Win32Forth — *Andy Korsak*

Preview of 1997 FORML Conference — *Bob Reiling*

12:00 BARBEQUE — *Offete Enterprises*

13:30 SECOND SESSION

TCOM Compiler for AD2000 DSP Chip — *Dwight Elvey*

Interface to the 1394 Firewire Serial Bus — *John Hall*

Fuzzy Interpreter — *John Carpenter*

Programming the Atmel 2051 Microcontroller — *Bob Nash*

High Speed Serial Bus Dramatically Reduces Wiring and Cost — *Al Mitchell*

User's Manual for Windows Forth — *C.H. Ting*

16:00 ADJOURNMENT

BANQUET The following events are at the Hong Sing Tea House Restaurant. The dinner will cost 15 \$ and reservations for this should be made when you register for Forth Day. Those who are going to the banquet should proceed to:

Hong Sing Tea House Restaurant

1135 Lawrence Expressway

Sunnyvale, California

17:00 DINNER

18:00 FIRESIDE CHAT, "Color Forth" — *Chuck Moore*

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