
SVFIG Meeting

Fourth Saturday, September 24th

Speakers' Schedule

Please go to Meetup.com and register for the meeting if you have not done so.

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**SPECIAL NOTE: THE MORNING SESSION WILL BE A RENDEZVOUS
AT PALO ALTO HIGH SCHOOL FOR THE ELECTRIC CAR RALLY**

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NOTES FOR FIRST-TIME ATTENDEES:

- 1) Please note that this is NOT the native Arduino "sketches" development environment. Forth is an exciting alternative! Information for Forth beginners will be provided at the meeting and going forward.
- 2) Print yourself a map so you can find the building easily. If you get lost, call Kevin Appert at 650.678.0532
- 3) Look at the additional online information: <http://www.forth.org/svfig/next.html>

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This page is for the schedule and coming attractions only, other details will be in the email announcement and online here: <http://www.forth.org/svfig/next.html>

Links, PowerPoint, PDFs, and source files from last month's meeting are on the SVFIG website too!

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10:00 AM --- Electric Car Rally

We'll rendezvous at **Palo Alto High School** for the Electric Car Rally put on by the Electric Car Association, Silicon Valley Chapter.

<http://eaasv.org/rally.html>

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11:45 --- Lunch --- [Village Cheese House](http://thevch.com/)

<http://thevch.com/>

Enjoy many sorts of sandwiches at this broad-spectrum tactical integrated deli.
855 El Camino Real # 157, Palo Alto

<http://maps.google.com/maps?q=855+El+Camino+Real+%23+157&hl=en&t=h&z=16&vpsrc=0>

There's Sushi next door! <http://www.sushihousepaloalto.com/>

... and burgers nearby!! <http://kirks-steakburgers.com/>

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In the afternoon, we will be back at the usual digs at Stanford.

Directions and map links are at <http://www.forth.org/svfig/next.html>

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13:00 --- Introductions, Announcements, Rumors and Gossip

We'll go around the room and each introduce ourselves. If you're willing, tell us about something about yourself. Suggest a future presentation!

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13:20 --- Fractals, Map of the World, and Arduino eForth --- C.H. Ting

"1. Interactive Mandelbrot Fractals. I smooth out the user interface so that you only have to use left mouse clicks to make all operations.

2. Interactive Digital Chart of the World. I fixed the last (Hopefully) bug and it works with the new mouse interface as above.

I am thinking of release these two works as games. I hope to hear opinions from members.

3. eForth for Arduino. I ported the c-eforth to Arduino and the interpreter is working. The compiler does not work because the Arduino Process does not provide tools to write flash memory. I'd like to know if it is useful for Arduino users. Maybe I should add PEEK and POKE for people to examine and control IO devices. In this implementation C@ and C! access RAM memory declared as a data array, and are not the same as PEEK and POKE."

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14:22 --- Break

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14:44 --- Interesting Items - Volume 17 --- Dave Jaffe

Dave will continue his survey of interesting newly-introduced microcontrollers, I/O peripherals, sensors, products, and gadgets that can provide useful and unique capabilities to Forth embedded systems.

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15:14 --- Ad Hoc, or is it eBay? --- All Assembled

We always find something to talk about...

- * New processors, new hardware, new stuff on the web.

- * What did happen at the Embedded Systems Conference this year, anyway?

Embedded multicore seemed like a big deal. Did anyone get their processor from the coupon in the give-away kit?

- *Low-cost embedded try-outs...the Arduino isn't the only game in town.

- *The ARM Cortex-M3 was the star of a recent Meetup at the Hacker Dojo and there'll be another soon ... <http://www.meetup.com/svesmg/events/25607981/>

- *Bob Pease videos - in memory of the late, great analog master.

http://www.youtube.com/results?search_query=bob+pease+show&aq=1&oq=bob+pease

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15:55 Clean up before you go!

16:00 Adjourn

Okay, now you can go.

Please note that the times listed above are precise but not necessarily accurate. We might go a little long or short on any agenda item or shuffle things on the fly with abandon. If you're desperate to see something at a particular time, please let us know! Remember that there are bugs in any non-trivial SVFIG meeting announcement. Mistakes were made and we're not too proud to admit it. <<<proofreader's humor

The schedule above may be reformatted or line-justified but please transmit verbatim or not at all. A link to this page is preferred.

No Newsgroup posts or other media distribution please!

At each lull in the action, between talks or before breaks we will be inviting folks to give short 5-10 minute 'quickies'. If you'd like to tell us about something, let Kevin know at the meeting and we'll reserve the time for you or you may take your chances that nobody else will grab the slot.

COMING TO SVFIG

- * New member outreach ... we'll talk about formulating a presentation for venues such as the Home Brew Robotics Club, TechShop, Hacker Dojo, and so on.

* Arduino Hands-on. If we can develop a demand, folks will bring their Uno, ISP and laptop and we'll install amForth or SwiftX and do some exercises. Let me know if you're desperate to do it this month. If we're going to do it at some future meeting, please help me decide what to do and/or volunteer as a cat-herder!

--- forther_at_comcast_dot_net

Pololu USB AVR ISP Programmer:

<http://www.pololu.com/catalog/product/1300>

