SVFIG Meeting
Fourth Saturday, October 22nd

Speakers' Schedule

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

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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 web site too!

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09:50 Coffee and a Chat

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10:00 AM --- Bootloaders on Arduino Boards --- C.H. Ting
"I am trying to understand the bootloaders used on various Arduino Boards, so that I can somehow build a Forth system which can co-exist with Arduino Sketches. The Optiboot for Arduino Uno Board is only 512 bytes long and cannot be very complicated. So far any change I made did not work. Nevertheless, I was able to compile it with WinAVR gcc. If I worked long and hard, I would get it done eventually, maybe not this Saturday, though."

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11:45 --- Lunch
We'll walk to the Treehouse.
Here are the Yelp reviews.
The menu has changed a little but here is the old menu to give you an idea.

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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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13:30 --- Electric Vehicle Rally Photos - Dave Jaffe
Dave will show us the photos he took at September's Electric Car Rally at Palo Alto High.

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14:04 --- Kestrel 2 --- Samuel A. Falvo II
Sam will give an overview of his Kestrel 2 project and a demo of his progress to date including the software emulation he has constructed.

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14:34 --- Break

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14:50 --- Open Firmware Development Environment --- Dennis Ruffer
     Dennis is one of the select few practitioners of the dark arts of Open Firmware driver and system development. He has long experience with the tools and environment used for this pursuit and will give us the introduction of what might be a Forth Day talk or even, given sufficient interest, a tutorial series.
     Dennis has Open Firmware Development running on a G4 PowerBook and might be persuaded to conduct an archeological dig on the fly.

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15:24 --- 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+peas

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15:55   Clean up before you go!

16:00   Adjourn
Okay, now you can go.

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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

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

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No Newsgroup posts or other media distribution please!

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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.

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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