

SVFIG Meeting

Fourth Saturday, August 27, 2011

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 website too!

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09:50 Coffee and a Chat

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10:15 --- Interrupts on Arduino --- C.H. Ting

"I thought a trivial example of interrupts written in eForth would not be interesting to our esteemed membership, so, I explored the possibility of turning the eForth system into one interrupt service routine to the UART receiver interrupts. It worked beautifully. I will report the idea and the actual implementation at the Saturday meeting."

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11:45 --- Lunch

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13:30 --- 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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13:50 --- Audio Haiku --- Brad Nelson

Brad will describe his efforts to expand the Forth haiku concept to include stereo sound. Just as a graphical haiku captures the mathematical expression defining an image in terms of a short Forth program, an Audio Haiku defines a raw sonic waveform. An implementation using the newly minted Web Audio API will be presented.

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14:52 --- Break

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15:14 --- The Kestrel 2 Emulator >>>TENTATIVE<<< --- Samuel A. Falvo II

Sam will show off the emulator for his Kestrel 2 computer, a novel design which Sam is moving forward through the cracks and crevices of his busy life. Sam is 94% likely to be at the meeting, but he's given us fair warning that there are things going on which might interfere.

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Also Featured --- Ad Hoc, Ad Lib, Added Value --- 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 another recent Meetup at the Hacker Dojo and there'll be another soon ... <http://www.meetup.com/svesmg/>

- *[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 taking perverse pride. <<<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 the M.C. 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>

