

October SVFIG Meeting

Fourth Saturday
26-October-2013

Do you want an SVFIG T-Shirt? There will be a few spares at the October meeting but we might order another batch for Forth Day if enough folks speak up now. Haynes Beefy T in royal blue! Many thanks to Brad Nelson for doing the legwork!

\$10 for M, L, XL and \$12 for XXL
Bring cash!

Google+ Hangout

SVFIG will participate in a [Google+ Hangout](#). The YouTube video stream should let everybody join in, while questions and comments can either be posted on Google or emailed to the [SVFIG email list](#). When it is started, the URL for the video stream will be posted on the Hangout page and emailed to members of the SVFIG list. Material with intellectual property conflicts will not be streamed.

A subscription to Google+ is not required to view the video.

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SVFIG meets on the fourth Saturday of each month this year with the following exceptions:

November and December – meetings will be held on the third Saturday

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If you are planning to attend the meeting, please register on [Meetup.com](#). If you are not planning to attend, there is no need to register.

NOTES FOR FIRST-TIME ATTENDEES:

- 0) Some SVFIG's meeting topics may not pertain directly to Forth. You are welcome to skip the parts which don't interest you!

- 1) Print a map so you can find the building easily. If you get lost, call Kevin Appert at 650/678-0532
- 2) Browse the [additional online information](#).
- 3) The suggested parking lot is near the intersection of [Santa Teresa Street and Lomita Drive](#). You may park in any "A" or "C" designated areas. There is no need to feed the meter on the weekends. Do NOT park in any place marked with 24/7 restrictions! Most other places are okay on Saturdays. **When in doubt, read the signs!**

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This page is for the Speakers' Schedule and coming attractions only. Other meeting details will be included in the SVFIG email announcement that will be posted online [here](#).

Links, PowerPoint slides, PDFs, meeting videos, and source files from previous months' meetings are posted on the [SVFIG website](#).

Speakers' Schedule

9:45 --- Coffee and a Chat

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10:00 --- Whiteboard Test --- Hangout Crew

No kidding, we're going to spend a half hour trying to make the whiteboard more readable to the webcast audience. We'll be hoping for call-in and email-in feedback. We may also experiment with the new Hangout Q&A tool if Dennis is willing and someone is willing to be the remote participant.

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10:30 --- Code from the "Forth Notebook" --- Kevin Appert

No modifications, just a look at a few screens of code from Ting's "Forth Notebook".

Index to the "[Forth Notebook](#)"
[Simple Graphics](#) section

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11:00 --- GA144 on a Budget? --- Dennis Ruffer

"The GA144 on a Budget project started after I took SchmartBoard's soldering class at the SVFIG Forth Day in 2011, earning a SchmartBoard P/N 202-0048-02 and then winning a SparkFun Breakout Board for FT232RL USB to Serial. Following "GreenArray's Breadboarding on a Budget" instructions, I attempted to create a hardware platform to work on. I'll show how far I got, describe how I got there, and why I have stopped pursuing this path toward my own destruction."

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11:45 --- Lunch

We'll walk to the [Treehouse](#) in the Tresidder Memorial Union for lunch.

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

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13:15 --- One-Wire Tethering with myForth --- Bob Nash

A previous presentation (August 2013) described how to program Silicon Laboratories chips Gforth and myforth. The hardware requirements were minimal: a \$9 Toolstick board (from Digikey) and a three-wire connection to the target chip.

The one-wire tether uses the same environment. One of the C2 programming lines establishes an interactive half-duplex tether to the target with only a few code extensions to myforth and the interposer program.

The programmer and one-wire tether are described in detailed manuals at [Bill Kibler's website](#).

The programmer is described under the "PROG" heading and the one-wire tether is described under the "MIDE" (myforth IDE) heading.

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14:15 --- T-Shirt Update --- Brad Nelson

If you want a T-Shirt you need to speak up! If there isn't sufficient interest, they will not be ordered.

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14:30 --- Break and T-Shirt Distribution

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14:50 --- Simple Scalable Fonts in Forth --- Brad Nelson

How small can code to generate a useful scalable font be? In this preview of his Forth Day talk, Brad will explore cramming a scalable anti-aliased font into a few Forth blocks.

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Random Access

There will probably be some discussion about our annual Forth Day, coming in November.

Impromptu talks, amiable ambling discussions, sauntering through [news:comp.lang.forth](#) and other conversations will be offered for your amusement in the interstices if any. It may delay the start of scheduled talks.

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15:55 --- Clean Up

16:00 --- Adjourn

Do we try to stick to the schedule? Yes, most of the time. But, sometimes a presentation runs a little long. Opportunities to learn something new and unexpected abound. Once in a while we shuffle things around. If you're desperate to see a particular presentation at a particular time, please mention it and we'll try to accommodate you.

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

No Newsgroup posts or other media distribution please!

This page is produced by [Kevin Appert](#), the SVFIG Program Chair. It is distinct from the SVFIG and FIG websites which are produced by the SVFIG Webmaster, [Dave Jaffe](#). His work is more carefully done and is of better quality but the monthly announcement has its own *je ne sais quoi*. Corrections and other comments are encouraged.

