Programming Leftovers

By Roy Schestowitz
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Submitted by Roy Schestowitz on Wednesday 24th of November 2021 09:54:22 PM Filed under Development [1]

- **Dependency Derby | Coder Radio 441** [2]

  Are Linux devs getting upset with the Python community? We weigh in on a nuanced issue. Plus the mass-mod resignation over at Rust, and Mike's thoughts on setting up a dev environment on Windows 11.

- **Adobe XD Bridge TP for Qt Design Studio released!** [3]

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  Qt Design Studio is a UI design and development tool that enables designers and developers to rapidly prototype and develop complex UIs.

- **Python virtualenv and venv dos and don'ts** [4]

- **Oscilloscope Probes Itself To Add Video | Hackaday** [5]

  Modern oscilloscopes are often loaded with features, but every now and then you run into a feature that seems easy to implement yet isn’t available. [kgsws] wanted to use his Rigol DS1074 to show live measurements in his YouTube videos, but found out that this scope doesn’t support video output. Not to be deterred, [kgsws] decided to add this feature himself. In the video embedded below, he describes in detail the process of adding a USB Video Capture (UVC) interface to his oscilloscope.
The basic idea was to find the signals going into the scope’s display and read them out using a Cypress EZ-USB board. This is a development board that can be used to design USB devices, and supports the UVC mode. However, with no documentation of any of the Rigol’s internal circuitry [kgsws] had to probe the display connector to find out which pin carried which signal. And since he had no other scope available than this Rigol, he hooked up the various bits of the disassembled instrument so that it could (awkwardly) probe its own internal signals.

- 7 Segment Display And Raspberry PI Pico: Wiring and Setup with MicroPython [6]

7 segment display can be controlled with a few Micropython lines from Raspberry PI Pico. It is one of simplest projects and a funny way to start coding and cabling

In this tutorial, I’m going t show you how to connect and configure a 7 segment display with a Raspberry PI Pico. If you are interested in how to get it working with Raspberry PI computer boards (like RPI Zero, RPI 4 model B, RPI 3 model A/B, and so on), please refer to my Control a 7 Segment Display from Raspberry PI with Python.

Source URL: http://www.tuxmachines.org/node/158355

Links: