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- Proxmox VE Series Part 7: Create an LXC Template (2026/10/30 11:52)
  Most of you may think that you can create a template from scratch and have an Operating System that is not in the 'Templates' list for you to download. This is not truly the case. We take an existing container and turn it into a template. The upside to this is that you can update all the packages to be included in the template. You can install any special programs, and they will be in the new container made from the template. Let's assume that you need to create multiple containers and...
  https://www.linux.org/threads/proxmox-ve-series-part-7-create-an-lxc-template.65405/
- PocketBeagle 2 TechLab - Part 2 (2026/10/27 21:49)
  In Part 2 of this article, we will look at more sensors and output mechanisms. We will cover the Light-Emitting Diodes (LED) on the PocketBeagle 2 device and the Seven-Segment display. Light-Emitting Diode (LED) This is not a part of the TechLab device, but on the PocketBeagle 2 itself. There are four user LED lights next to the USB-C OTG port. We can programmatically turn these lights on or off. You can use these for sending error codes to the device since the device is headless... https://www.linux.org/threads/pocketbeagle-2-techlab-part-2.65404/
- Getting Started with the BeaglePlay SBC on Debian (2026/10/26 18:44)
  The BeagleBoard company has many Single Board Computer (SBC) and the BeaglePlay is one of them. Released in 2023 were both the BeaglePlay and the BeagleV-Ahead. The Play board is an ARM processor while the Ahead board is RISC-V. In this article, I will cover the BeaglePlay SBC. Specs The hardware specs are: Processor: Texas Instruments AM6254 Quad-core ARM Cortex-A53 Speed of 1.4GHz Microcontroller: ARM Cortex-M4F Memory:... https://www.linux.org/threads/getting-started-with-the-beagleplay-sbc-on-debian.65403/
- Python Series Part 25: Canvas Widget - Part 3 (2026/10/23 11:37)
  This article will conclude the Canvas Methods that are available. I am sure that you will not use all the methods, but some should come in handy. If you do not go over all the sample code, at least familiarize yourself with the basics of what is available so that if you need it, you know it exists. Canvas Methods This is the last of the methods for the Canvas, the rest are in 'Python 26 - Canvas Widget - Part 2'. .scale(tagOrId, xOffset, yOffset, xScale... https://www.linux.org/threads/python-series-part-25-canvas-widget-part-3.64234/
- Arduino Ventuno Q Review (2026/10/16 21:01)
  Previously, I wrote the article 'Arduino UNO Q: A Debian Linux Board for Headless Projects' and a few articles after this one on programming the Uno Q. There is still more to come. Recently, Arduino sent me the new Ventuno Q as a review unit. With the Ventuno Q, I got a USB-C 65 W power supply and a 24-pin USB-C to USB-C 1 meter cable. So, we need to get into the specs of the board...
  https://www.linux.org/threads/arduino-ventuno-q-review.72949/
- Proxmox VE Series Part 6: Linux Containers (LXC) (2026/10/14 23:25)
  We've covered Virtual Machines, and now we can get into Linux Containers (LXC). Since our Proxmox Server is running on a 64-bit Intel or AMD,

the Linux Containers must run a distro of Linux on this platform. If you tried to install the QEMU packages to support ARM, PPC, or other architectures, the system would give you an error. This basically means that we are stuck with any distro supporting x86 and x86_64 architectures. Linux Container Benefits There are a few benefits of using... https://www.linux.org/threads/proxmox-ve-series-part-6-linux-containers-lxc.64233/

- Arduino Uno Q - LED Matrix - Plasma (2026/10/05 20:22)
  In the previous article, we used the LED Matrix on the Arduino Uno Q to produce 'falling' dots that resemble rain. This is basic code in Python to create the 'rain' on the LED Matrix. Now, we are going to get a little more advanced. Back in the DOS days, there were programs that would act more like screensavers, and some were very interesting to watch. Specifically, the one named 'Plasma' or sometimes 'Ooze'. The basis is the use of 256 colors, which cycle through the colors and start over... https://www.linux.org/threads/arduino-uno-q-led-matrix-plasma.72403/
- PocketBeagle 2 TechLab - Part 1 (2026/09/11 23:20)
  The TechLab is a Cape used to help learn to program for the PocketBeagle 1 and 2. There are quite a few components built-in to the TechLab, so this is an inexpensive way to learn some programming. The images you can download for the PocketBeagle 2 include one that is listed as 'Workshop'. You need the image when hooking up to the TechLab since it has the drivers in the kernel for the TechLab Cape. Specs on the PocketBeagle TechLab The TechLab is a CAPE that attaches to a... https://www.linux.org/threads/pocketbeagle-2-techlab-part-1.64232/

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