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Debian and Ubuntu/Canonical Leftovers

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- **Molly de Blanc: Free software activities (July 2019) [3]**

  Debian AH rebranded to the Debian Community Team (CT) after our sprint back in June. We had meetings, both following up on things that happened at the meeting and covering typical business. We created a draft of a new team mission statement, which was premiered, so to speak, at DebConf19.

- **Mike Gabriel: Debian goes libjpeg-turbo 2.0.x [RFH] [4]**

  I recently uploaded libjpeg-turbo 2.0.2-1~exp1 to Debian experimental. This has been the first upload of the 2.0.x release series of libjpeg-turbo.

  After 3 further upload iterations (~exp4 that is), the package now builds on nearly all (except 3) architectures supported by Debian.

  @all: Please Test

  For those architectures that libjpeg-turbo 2.0.2-1~exp* is already available in Debian experimental, please start testing your applications on Debian testing/unstable systems with libjpeg-turbo 2.0.2-1~exp* installed from experimental. If you observe any peculiarities, please file bugs against src:libjpeg-turbo on Debian BTS. Thanks!

Please note: the major 2.x release series does not introduce an SOVERSION bump, so applications don't have to be rebuilt against the newer libjpeg-turbo. Simply drop-in-replace installed libjpeg62-turbo bin:pkg by the version from Debian experimental.

- **Kubernetes 1.16 beta now available, with support from Canonical [5]**

  Canonical announces full enterprise support for Kubernetes 1.16, starting with the beta release, with support covering the following installation mechanisms ? kubeadm, Charmed Kubernetes, and MicroK8s.

  The beta release of Kubernetes offers users an opportunity to test some of the upcoming features and to validate containerised workloads on the latest Kubernetes technology. It also offers the user community a chance to give early feedback on the next release, ensuring new features work as intended, and the existing features you rely upon haven?t regressed.

  For quick, secure, and reliable Kubernetes installations in a single step, the MicroK8s beta channel will be updated with Kubernetes 1.16 beta. In addition to supporting the beta, the MicroK8s community has recently added one line installs of Helm and Cilium. With MicroK8s 1.16 beta you can develop and deploy Kubernetes 1.16 on any Linux desktop, server or VM across 42 Linux distros. Mac and Windows are supported with Multipass.

- **MicroK8s Version 1.16.0 Beta Released! [6]**

  We?re excited to announce the release of MicroK8s 1.16 beta! MicroK8s is a lightweight and reliable Kubernetes cluster delivered as a single snap package ? it can be installed on any Linux distribution which supports snaps or Windows and Mac using Multipass. MicroK8s is small and simple to install and is a great way to stand up a cluster quickly for development and testing. Try it on your laptop!

- **A guide to developing Android apps on Ubuntu [7]**

  Android is the most popular mobile operating system and is continuing to grow its market share. IDC expects that Android will have 85.5% of the market by 2022, demonstrating that app development on Android will continue to be an in-demand skill.

  For developers looking to build Android apps, Ubuntu is the ideal platform in conjunction with Android Studio ? the official Android development environment. Ubuntu features a wide variety of software development tools including numerous programming language compilers, integrated development environments (IDEs) and toolchains to enable developers to target

multiple hardware platforms.

- **The Fridge: Ubuntu Weekly Newsletter Issue 593** **[8]**

- **Snaps help Xibo rekindle its relationship with Linux** **[9]**

  Sometimes, relationships just don?t work out. At first, it seemed that Xibo and Linux were made for each other. Xibo had a popular open source digital signage and player system, while Linux brought a community of enthusiastic users. Dan Garner of Xibo remembers why they broke up in 2015: ?Releasing our player on Linux was too heavy on development resources, we were a small team, and it was difficult to make deployment stable?.

  So, Linux releases were shelved, much to the disappointment of users. Xibo?s software remained available as open source and as binaries. However, Linux users had to do the heavy lifting to install it and make it work. Hardcore fans often built their Xibo systems directly from the source code, creating a patchwork of different generations of the software in a universe outside Xibo?s mainstream activities.

- **Connect to Wi-Fi From Terminal on Ubuntu 18.04/19.04 with WPA Supplicant** **[10]**

  In this tutorial, we are going to learn how to connect to Wi-Fi network from command line on Ubuntu 18.04/19.04 server and desktop using wpa_supplicant. In a modern home wireless network, communications are protected with WPA-PSK (pre-shared key) as opposed to WPA-Enterprise, which is designed for enterprise networks. WPA-PSK is also known as WPA-Personal. wpa_supplicant is an implementation of the WPA supplicant component. A supplicant in wireless LAN is a client software installed on end-user?s computer that needs to be authenticated in order to join a network.

Debian Ubuntu

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