Well, the end of July is almost here and I missed a digest in June because I had a wonderful summer holiday in Turkey. So this today shows interesting events from Linux, Unix and open source world for almost two months.

As always, please get in touch to arrange a technical consultation with me or want to suggest a useful link for the next Unix Tutorial digest.

Unix and Linux News

- FreeBSD 11.3 is available, continuing the 11/stable branch
- Linux Kernel is now 5.2
- DragonFly 5.6 got released and 5.6.1 is already available
- Whonix 15 is released – must try it soon
- **Debian Buster 10** – another release from the most stable Linux distro
- **macOS Catalina is in the 3rd public beta now**, but iCloud sync issues mean I won’t be trying it yet. Must really get a second macOS system – laptop or desktop – for these experiments!

## Software News

- **GRUB 2.04 released** – bringing secure UEFI boot and many other things to [grub bootloader](https://grub.sourceforge.net/).
- **Firefox 68 is live** (expecting Firefox 69 in early September)
- Speaking of Firefox, [Lockwise password manager](https://lockwisepasswordmanager.com/) got launched
- **Ubuntu announced they will drop 32-bit support soon**, and then [reverted that decision thanks to powerful feedback from the community](https://www.ubuntublog.org/2019/08/06/ubuntus-20.04-lts-will-support-32-bit/). 32-bit support lives on!

## Interesting and Useful

- **Raspberry Pi 4 released** – this is super cool news! [I am excited](https://www.raspberrypi.org/)!
- **Microsoft lanched QDK** – Quantum Development Kit, opensourced
- **17 ways to undo mistakes in git** – I’m using Tower client on macOS but creators of this app make very useful videos and how-to guides that show how things are done using command-line git

## Unix Tutorial articles

There’s been a few slow days but still quite a few topics covered in June and July 2019:
- Great Things You Can Confirm with dmidecode
- Show Servers Across All OpenStack Projects
- Most Useful Basic Unix Commands
- Create swap from File on BTRFS Filesystem
- Free Up Reserved Space in Filesystems
- Ordered Raspberry Pi 4!
- 4GB Raspberry Pi 4 Model is Out of Stock
- How To: Check AppArmor Status
- Debian 10 – Buster
- How To: Install Docker in Ubuntu Using Snap
- How To: Upgrade Packages That Were Kept Back
- Card Reader Issues in Ubuntu 19.04 on Dell XPS 13 9380
- How To: Find SSH key using Fingerprint
- Trying NTP from Cloudflare
- Why I’m Excited about Raspberry Pi 4 Release
- Raspberry Pi 4: Faster CPU and 4GB RAM
- HAProxy 2.0.0
- Cloudflare: Crypto Week 2019
- sudo chown
- Show All TCP Connections with lsof
- yum – List Installed Packages
- Unix Tutorial Projects: Install Ubuntu 19.04 on Dell XPS 13 9380
- SSH: Too Many Authentication Failures
- Upgrading Raspbian from Jessie to Stretch
- Use OfflineIMAP For Receiving Email
- Install Oh My ZSH!
- Install ZSH with Homebrew
- Unix Fun: cowsay command
- How To: Change Graphics Mode for GRUB Bootloader
- Alacritty – GPU-accelerated Terminal App
- macOS Catalina will have zsh as default shell
- ifconfig command not found
- MacOS: Alfred 4 is Out
- Great WWDC 2019 Keynote!
- Advanced Hardware Information for Raspberry Pi
- Using Chrony for time keeping
That’s it for the months of June 2019 and July 2019!

See Also

- Unix Tutorial Digest
- Linux Commands
- Unix commands
- Basic Unix commands
- Advanced Unix commands