Unix Tutorial Digest — March 9th, 2020

Unix Tutorial Digest

Here’s the monthly summary of Unix/Linux news and Unix Tutorial posts.

Please get in touch to arrange a technical consultation with me or suggest a useful link for the next digest here at Unix Tutorial.

Unix Tutorial News

Nothing particularly new, but I found my blogging stride and enjoyed a very productive month. Lots of Ansible automation
progress and a rework of my home office Raspberry Pi setup were my main focus.

Unix Tutorial in Russian is now a completely separate website, I’m going to find more time to add translations to it – it’s been growing nicely.

Unix and Linux News

New Releases section will get a few additions as per releases in February 2020:

- NetBSD 9.0 released
- Ubuntu 18.04.4 LTS released
  - wslu package helps with WSL integration
  - Linux Kernel 5.3 supported
  - many other improvements backported from Ubuntu 19.10

Software News

- Firefox 73 arrived
- OpenSSH 8.2 brought FIDO/U2F support
- Go 1.14 released
- BIND 9.16.0 DNS server
- GDB 9.1 released (previous release 8.3 was in May 2019)
- Following last month’s Wine 5.0 release, Valve released Proton 5.0 for Windows gaming on Linux
Interesting and Useful

- **LetsEncrypt got a bug in CA code (CAA record)**
- **systemd had an important vulnerability — CVE-2020-1712**
- **Install Docker compose (official guide)**
- **dehydrated project (bash automated LetsEncrypt certs management) has new owners**

Unix Tutorial articles

Full list of posts published on [Unix Tutorial](http://www.unixtutorial.com) in February 2020, 29 posts in total:

- **Log fail2ban Messages to Syslog**
- **Colorized ls with grc**
- **Removed DHCP Daemons in Raspbian**
- **How To: Disable Sleep on Ubuntu Server**
- **VPS1 Server is Online**
- **Install Sublime Text 3 in Ubuntu**
- **Docker module in Ansible**
- **Using grc (Generic Colouriser) for R Syslog**
- **Sublime Text 3**
- **How To: Use Filesystem Labels in /etc/fstab**
- **How To: check and change filesystem label with e2label**
- **List Available Repositories in Red Hat**
- **Ansible: Could Not Match Supplied Host Pattern**
- **Systemd Unit Types**
- **Tower 4.0 for Mac**
- **Use visudo to Check SUDO Config Syntax**
- **SSH Reference Mindmap**
- **Basic Kubernetes Cluster with 2 VMs**
- Debian 10.3 Released
- Systemd Startup Times with systemctl-analyze
- Project: Password Protect a Website with nginx
- Host Key Verification Failed
- Resume Downloads with curl
- Run Ansible Tasks for Specific OS Release Version
- Secure Keyboard Input in bash Scripts
- Failed Login Attempts for root User
- shutdown vs halt
- Unix Tutorial Digest – February 2nd, 2020
- Show Files Installed by a Debian/Ubuntu Package

That’s it for the month of February 2020!

See Also

- Previous Unix Tutorial Digest
- Unix Tutorial Digest
- Unix Tutorial – Annual Digest – 2019
- Past Unix Tutorial Digests
- Linux Commands
- Unix commands
- Basic Unix commands
- Basic Linux Commands
- Advanced Unix commands
Unix Tutorial Digest – February 2nd, 2020

Unix Tutorial Digest – January 2020

For those staying up late to watch Super Bowl LIV and those just looking for a few interesting links, here’s the monthly summary of Unix/Linux news and Unix Tutorial posts.

Please get in touch to arrange a technical consultation with me or suggest a useful link for the next digest here at Unix Tutorial.

Unix Tutorial News

Unix Tutorial website now has a chat feature! This means you
can ping me and ask a quick question or discuss a project. My online (live chat) time is quite limited but please take a moment to leave me note and your email so that I can get back to you.

**Unix Tutorial in Russian** is now a completely separate website, I’ve been trying to keep up with translations and expect readership to grow significantly in the coming months.

**Unix and Linux News**

**New Releases** section has a few additions in **January 2020**:

- Kali Linux 2020.1
- Linux Kernel 5.5
- Solus 4.1 Fortitude released — really want to try it
- CentOS 8.1 released — time to upgrade my dedicated servers

**Software News**

- Wine 5.0 got released
- Firefox 72 shipped
- git 2.25 released
Interesting and Useful

- **sudo** has a security issue around `pwfeedback` option, Linux Mint and Elementary OS might be affected
- **ProtonVPN** opened source code for most of their solution

Unix Tutorial articles

Full list of posts published on [Unix Tutorial](https://www.unixtutorial.org) in January 2020, 17 posts in total:

- How To Extract XZ Files
- Kali Linux 2020.1
- Uninstalling minikube
- Linux Kernel 5.5
- How To Ignore SSL Warnings in curl
- Non-standard Ansible Port
- Unix Input/Output Redirection
- DEBUG: cron keeps piling up in macOS
- Advanced USB discovery with usb-devices
- systemd services Status
- Use Backups When Deploying with Ansible
- Unix Tutorial – Annual Digest – 2019
- How To: Use fail2ban to Protect SSH
- Confirm Actively Listening TCP Ports with lsof
- Unix Tutorial Digest – January 4th, 2020
- Upgrading tmux in macOS
- Welcome to 2020!
That’s it for the month of January 2020!

See Also

- Unix Tutorial Digest
- Unix Tutorial – Annual Digest – 2019
- Past Unix Tutorial Digests
- Linux Commands
- Unix commands
- Basic Unix commands
- Basic Linux Commands
- Advanced Unix commands

Unix Tutorial Digest – January 4th, 2020
Unix Tutorial Digest: monthly digest of Unix/Linux topics

It’s time for another Unix Tutorial digest – this issue covers notable events and releases in December 2019.

I also plan to start annual digests, will try and publish the Unix Tutorial Annual Digest 2019 tomorrow.

Please get in touch to arrange a technical consultation with me or suggest a useful link for the next digest here at Unix Tutorial.

Unix Tutorial News

Unix Tutorial website now has a chat feature! This means you can ping me and ask a quick question or discuss a project. My online (live chat) time is quite limited but please take a moment to leave me note and your email so that I can get back
to you.

Unix and Linux News

I have started a new category on Unix Tutorial – called New Releases, that’s where OS upgrades and Linux kernel releases will be announced going forward (they’re still blog posts).

- **Kali Linux 2019.4**
- **Linux Mint 19.3 was released** – must try it soon

Software News

- **VirtualBox 6.1 released** – this is the must-have software on Linux and Windows platforms, such a great and stable desktop virtualization product
- **tmux 3.0a is here** – I already upgraded tmux to 3.0a on my macOS systems to this version
- Ruby got upgraded to 2.7.0
- **QEMU 4.2 is here**

Interesting and Useful

- **Basics: setting static IP address in Ubuntu**
- **Show lines around matched pattern with grep**
- **Confirm Symlink Destination**
Unix Tutorial articles

Full list of posts published on Unix Tutorial in December 2019, 18 posts in total:

- Check Python Version
- Merry Christmas!
- Show Next Few Lines with grep
- Install Jekyll 4 in macOS
- How To Change Mac Hostname with scutil
- Protecting Directories with Sticky Bit
- neofetch in Debian Linux
- VirtualBox 6.1 Released
- Ubuntu – Static IP
- How To Confirm Symlink Destination
- Get Last Field with awk
- Live Chat on Unix Tutorial
- Kali Linux 2019.4
- List Kernel Extensions with kextfind
- How To: List Kernel Modules in macOS
- more or less
- Sort Files by Size with ls
- Unix Tutorial Digest – December 1st, 2019

That’s it for the month of December 2019!

See Also

- Unix Tutorial Digest
- Past Unix Tutorial Digests
November 2019 has been rather slow here on the blog – lots of projects at work ahead of the usual change freezes and upcoming holiday season. I’m regularly bookmarking things that can become interesting projects, so expect it to be a very educational Christmas season – lots of things to learn and to
try in Unix Tutorial world.

Please get in touch to arrange a technical consultation with me or want to suggest a useful link for the next digest here at Unix Tutorial.

Unix and Linux News

I have started a new category on Unix Tutorial – called New Releases, that’s where OS upgrades and Linux kernel releases will be announced going forward (they’re still blog posts).

- Linux Kernel 5.4 is here
- Red Hat Enterprise Linux 8.1 released
- OpenIndiana 2019.10 arrived
- Debian 10.2 released

Software News

- Brave 1.0 browser got finally released – I’m a daily user and find it pretty great, although ads are still annoying and intrusive – so definitely room for improvement
- GitHub launched Security Lab
- PHP 7.4 released
- Glimpse 0.1.0 is out – this is a fork of the GIMP graphics editor, easily the most well know and powerful open source editor. Will be interesting to follow the direction the new team is taking.
Interesting and Useful

- **Tips for choosing a laptop** – good summary for someone looking to buy a laptop
- **TPM Fail** made the news in November – scary!
- **Google shared plans to use standard Linux Kernel in Android**
- **RIPE has run out of IPv4 addresses** – global IPv6 usage is still nowhere near enough (around 30% this year) to get by without IPv4

Unix Tutorial articles

Full list of posts published on *Unix Tutorial* in September/October 2019:

- **Linux Kernel 5.4**
- **Black Friday Deals**
- **Check Config Before Restarting SSH Daemon**
- **Upgrading RHEL 8 to RHEL 8.1**
- **Red Hat Enterprise Linux 8.1**
- **OpenIndiana 2019.10 Released**
- **brew cask vs brew formula**
- **Automating macOS Screenshots with Hazel**
- **Show Mounted Filesystems of Certain Type**
- **Unix Tutorial Digest – November 5th, 2019**

That’s it for the month of November 2019!
See Also

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

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Unix Tutorial Digest – November 5th, 2019

Unix Tutorial DIGEST

Unix Tutorial Digest: monthly digest of Unix/Linux topics
September and October 2019 have been so busy for me at work and at home that I posted less frequently than usual and also skipped the September Unix Tutorial Digest. All is good, lots of interesting developments at work and with my home office servers, so I’ve been reading a lot and preparing new material.

I also launched Unix Tutorial RU for Russian speaking readers of my website – so check it out: https://www.unixtutorial.ru.

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

Unix and Linux News

- Ubuntu 19.10 released
- Debian 10.1 released
- FreeBSD 12.1 just got released the other day
- OpenBSD 6.6 is also out
- CentOS 7.7 and CentOS 8.0 got released
- Birthdays:
  - Gentoo Linux turned 20
  - Ubuntu Linux turned 15
- Fedora 31 is released
- Tails 4.0 is out – major release with plenty of improvements. Think it’s Debian 10 based. Must try!
- Linux Kernel 5.3 is available since mid-September
Software News

- **HTTP/3** is becoming a thing! Initial support for it is found in nginx, curl and major browsers now
- **PulseAudio 13.0 released** – I still remember how tricky it was to get its early versions to work on my desktop 10 years ago. This package has made great progress since then! Modern codecs like Dolby TrueHD and DTS-HD Master Audio are supported in version 13.
- **VirtualBox 6.1 beta was released** – will test VirtualBox on my Dell XPS laptop soon, 6.1 beta 2 is out now. Should be cool to export VMs right into (Oracle) cloud! On macOS I still prefer Parallels.

Software News

- Firefox 70 is here
- Chrome 68 is out
- Perl 6 is officially named Raku
- Python 3.8 is released
- OpenSSH 8.1 is released. Yay!
- PostgreSQL 12 database server is now available
- Java SE 13 is released

Interesting and Useful

- **Richard Stallman resigned from his position of the President for FSF**
- **Stupid Unix Tricks** – tons of useful advice, I’m happy it’s somewhat macOS specific
Essential Tips and Tricks for Kubernetes

Unix Tutorial articles

Full list of posts published on Unix Tutorial in September/October 2019:

- bat – syntax highlighter
- Ubuntu 19.10
- Install Software with Homebrew in Ansible
- Project: Compile exFAT-FUSE in RHEL 8
- Quickly Finding files in macOS with mdfind
- How To Generate ed25519 SSH Key
- ZFS on root in Ubuntu 19.10
- How To Install Appimage Software Packages
- chown example: recursive update
- macOS 10.15 – Catalina Released
- preserve-root flag for rm command
- Show Process Limits Using /proc Filesystem
- Project: Connect LG 5K Display to PC
- Run Ansible Tasks Based on OS Distribution
- Up For a Telegram Chat?
- How To Resume wget Downloads
- CentOS 8 and CentOS Stream Released
- Unix Tutorial for Russian Speakers
- Attach Interface to Specific Firewall Zone in RHEL 8
- Hello, World in podman
- FLIRC Raspberry Pi 4 Case
- Updating Index DB for locate command
- Packt: Data Unlocked
- How To Show LUKS Passphrase Slots
- Upgrading to CentOS 7.7
- Install Brave Browser with Homebrew
- Updates to Unix Reference pages
- Docker Desktop vs Docker Machine
- Show The Day of A Week in Linux
- OpenMediaVault Default Login
- Confirm Firewall Configuration in RHEL 8
- Skip Gathering Facts in Ansible
- Passwordless SSH
- Manage Settings with dotfiles
- Generate Sequences with seq Command
- Specify User per Task in Ansible
- Confirm If CPU Supports Virtualization with lscpu
- How To Troubleshoot SELinux with Audit Logs
- No sshpass in Homebrew
- Setting Alternatives Path for Python Command in RHEL 8
- How To: Overwrite Symlinks in Homebrew Packages
- sudo Meaning: What Does sudo Mean?
- Unix Tutorial Digest – September 1st, 2019

That’s it for the months of September and October 2019!

See Also

- Unix Tutorial Digest
- Past Unix Tutorial Digests
- Linux Commands
- Unix commands
- Basic Unix commands
- Basic Linux Commands
- Advanced Unix commands
August 2019 has been a really strong month for me, I posted every single day which makes it the most successful month at Unix Tutorial to date. I don’t have any more holidays planned any time soon so expect the number and quality of posts to be stable for the rest of 2019!

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

- Linux Mint 19.2 released!
- Red Hat Enterprise Linux 7.7 is released — I’m still using RHEL7.6 and RHEL8.0 beta though

Software News

- Chris Beard leaves his CEO post with Mozilla — just when things are getting interesting and so much great news are reported around Firefox! He’s leaving position on good terms and staying with Mozilla though.
- FFmpeg 4.2 released after 9 months of development — AV1 video format gets a lot of support at last! Tons of new video processing filters as well.
- Huawei revealed their Harmony OS — and someone thought Android licensing pressure would stop them!
- QEMU 4.1.0 is released — this reminds me: need to write a few posts about it soon
- GIMP forked as Glimpse — seems like an interesting idea as it’s not just about naming GIMP graphics editor as something friendlier — they are going to fix some long standing bugs and address feature requests as well.
- Thunderbird 68.0 released — it’s actually been ages since I used this client — must give it another try!

Interesting and Useful

- Perl 6 will probably get renamed to Raku
- IBM open sources POWER ISA
Google, Mozilla and Apple all decided to reject the CA certificate deployed in Kazakhstan for capturing all mobile traffic

**Unix Tutorial articles**

There’s been a few slow days but still quite a few topics covered in August 2019:

- How To: Setup sudo in Debian
- How To Create a Unix Group with Ansible
- How To Tag Docker Images
- Install Latest tmux with Homebrew
- `sed` replace examples
- How To: Install Docker for Mac
- Installing Kali Linux 2019.2
- Convert Epoch Time with Python
- Show Monitor Resolutions with `xrandr`
- Examples of Using `ip` command
- Assign Keyboard Shortcut to Screenshot in Ubuntu
- Unix Tutorial: PDF Versions of Posts
- Deploy Your SSH key To Remote Server
- Listing Full Timestamps with `ls` in Linux
- Projects: Upgrading Armbian on Helios 4
- `brew` Command Not Found
- Upgrade Ubiquiti UniFi on Ubuntu 19.04
- `./command` Syntax and How To Use It
- How To Tell What Group Unix User Is In
- Troubleshooting: `ifconfig` Not Found in Debian
- `screenFetch` in MacOS
- Thank You For Your Support!
- Hello, World in Go
- 5 Ways to Use `nslookup`
- Advice: Safely Removing a File or Directory in Unix
- Running Ansible Scripts in Dry Run Mode
- New Sections on Unix Tutorial Website
- Projects: Compile Brave Browser in Ubuntu 19.04
- Linux Mint 19.2 Released
- How To Delete Protected Image in OpenStack
- Using Multiple SSH ports
- Upgrading Raspbian OS from Stretch to Buster
- How To: Install Go on Raspberry Pi
- Unix Tutorial Digest – July 28th, 2019

That’s it for the month of August 2019!

See Also

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

Unix Tutorial Digest – July 28th, 2019
Unix Tutorial Digest: monthly digest of Unix/Linux topics

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**.
- **Firefox 68 is live** (expecting Firefox 69 in early September)
- Speaking of Firefox, **Lockwise password manager** got launched
- **Ubuntu announced they will drop 32-bit support soon**, and then **reverted that decision thanks to powerful feedback from the community**. 32-bit support lives on!

Interesting and Useful

- **Raspberry Pi 4 released** – this is super cool news! **I am excited**
- **Microsoft lanzhced 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
- Time/Date Operations with timedatectl
- Hardware Lab
- Install Docker in Linux Mint 19.1
- Projects: Automatic Keyboard Backlight for Dell XPS in Linux
• Controlling Dell Laptop Keyboard Backlight from Command Line
• How To: Show Colour Numbers in Unix Terminal
• Test SSHd config on a different SSH port
• Getting Started with Ansible
• How To Use lsof Command
• Check For Available Updates with apt
• WSL and WSL 2: Run Linux on Windows
• Most Useful Process Signals for kill Command
• How To: Install Kernel Source Code in CentOS/RedHat
• Preview Windows and Sessions in tmux
• Reset admin password in OpenMediaVault
• Make BIND9 named Use Only IPv4
• Projects: Start tmux Instead of Login Prompt on tty1
• How To Install TTF Fonts in Linux
• How To Check SSH Port Status
• Ubuntu 19.04 Released
• How To: View NFS Shares
• How To: View Windows (CIFS) Shares
• Projects: NAS storage with Helios 4
• Windows Preview in tmux
• Unix Tutorial Digest — March 31st, 2019

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
Hi again everyone, it’s this time of the month (the last day of a month, if I manage to publish on time). March 2019 brought lots of interesting releases and Unix/Linux news.
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. I also created a special page for Unix Tutorial digests.

Unix and Linux News

- [Linux Kernel 5.0.0](#) – wow, time flies
- [Android Q beta released](#)
- [macOS Mojave 10.14.4 released](#)
Software News

- Swift 5 released by Apple
- BIND 9.14.0 released – now only working with BIND servers properly supporting EDNS
- Samba 4.10.0 released – I’m still using Samba for small tasks in a few projects
- Java SE 12 released

Interesting and Useful

- Seeking the Productive Life – amazingly insightful and useful article from Stephen Wolfram
- Apple Still Hasn’t Fixed Its Macbook Keyboard Problem – this is the reason I had a week of downtime and bought a Dell XPS 13 laptop just a few weeks ago. To be fair, new laptop was not necessary – I got my trusty Retina MacBook Pro 15 2017 in 4 working days, with brand new keyboard.
- Hetzner Cloud CLI – sounds cool, should help with managing dedicated and VPS servers in Hetzner
- Secrets leaked on GitHub – very interesting report about what gets leaked and how quickly developers fix this and remove secrets from public GitHub repos

Unix Tutorial articles

There’s been a few slow days but still quite a few topics covered in March 2019 on Unix Tutorial:

- tmux Sessions Survive Desktop Logouts
- How To Install Jekyll in Linux Mint 19
- Remove Virtual Machine in KVM
- How To Confirm Solaris 11 version
- Erasing disks with dd
- Does Docker Need Hardware Virtualization?
- Get AWS Instance Info with ec2-metadata
- Unix Tutorial Projects: Compiling Brave browser on Linux Mint
- Check For Available Updates with YUM
- Where To Learn More about SELinux
- Web Console in RHEL8
- Show List of Available SELinux Users
- Stress Testing CPU with dd command
- Unix Tutorial Projects: GitHub Pages with Jekyll
- Book Review: Text Processing in Python
- Get X11 Forwarding In macOS High Sierra
- Update Raspberry Pi firmware with rpi-update
- Docker Inspect
- Epoch Time
- Automatically Remove Packages in Ubuntu
- Unix Tutorial Projects: Centralised RSyslog
- pwd command and PWD variable
- RSyslog: Separate Log File for Each Host

That’s it for the month of March, 2019!

See Also

- Unix Tutorial Digest
- Unix Tutorial Digest – February 28th, 2019
- Unix commands
- Basic Unix commands
- Advanced Unix commands

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Unix Tutorial Digest –
Hi again everyone, it’s this time of the month (the last day of a month, if I manage to publish on time). February 2019 brought lots of interesting releases and Unix/Linux news. As always, Please get in touch if you want to suggest a useful link for the next digest.

Unix and Linux News

- Ubuntu 18.04.2 LTS released
- runc_container_breakout – vulnerability affecting Docker and LXC
- Fedora won’t be developing/supporting Atomic Host anymore

Software News

- Homebrew 2.0.0 was released, and there’s a Linux version of it as well now!
- LibreOffice 6.2
- Exim 4.92
- go 1.12 is released
- git v2.21.0
- KDE Plasma 5.15.0
- digiKam 6.0.0 – must give it a try on my Linux Mint laptop
- Postfix 3.4.0 released – wow, Postfix 3.0 is no longer supported – time flies

Interesting and Useful

- System76 Thelio review – sounds like a great desktop!
- Docker LEMP stack: collecting logs with rsyslog
- NixOS – I keep hearing this OS name lately. Must try!

Unix Tutorial articles

I made some New Years’ resolutions, one of them is a dramatically improved commitment to updating Unix Tutorial.

As the result, I published every single day in Unix Tutorial: February 2019.

- How To Enable SELinux
- Get Your Mac to Speak Up
- List RPM packages sorted by install date
- Migrate Docker container to new server
- Homebrew 2.0.0 with Linux support
- Ubiquiti UniFi controller on Ubuntu 18.10
- Remove All Messages from Postfix Queue
- Backblaze 6.0 released
- Book Review: Pulling Strings with Puppet
- Confirm Machine Architecture with arch
- Remove Unused Volumes in Docker
- Ignore SSL errors in VMware Power CLI
- awk delimiter
That’s it for today!

See Also

- Unix Tutorial Digest
- Unix Tutorial Digest – February 4th, 2019
- Unix commands
- Basic Unix commands
- Advanced Unix commands
Unix Tutorial Digest: monthly digest of Unix/Linux topics

Thanks to the super busy January, this is actually the first Unix Tutorial digest of 2019! Lots of news and so many things to follow up and test now!
As always, Please get in touch if you want to suggest a useful link for the next digest.

Unix and Linux News

- Linux kernel 4.20
- Ubuntu Core 18.10 got released – sounds like a pretty cool idea for IoT things. I must try it on one of my Raspberry Pi systems, but it seems it won’t work on Raspberry Pi Model 1.
- I seem to have forgotten Red Hat Enterprise Linux 8 beta in my previous digest
- Bash 5.0 got released! Not just any software, but one of the most popular Unix shells!
Software News

- LetsEncrypt (my SSL provider of choice for all the self-hosted elements) reported [2018 progress and LetsEncrypt 2019 plans](https://letsencrypt.org/2018) – 150M websites are using them now, impressive!
- In mid January, [4 issues with SCP in OpenSSH, Putty and WinSCP were discovered](https://www.openbsd.org/bug/46073). Hope you were not affected!
- Were you affected by the DNS Flag Day on February 1st? Great initiative to highlight dependency on DNS and to steer users towards better implementations of it.
- [Wine 4.0 got released](https://www.winehq.org), quickly followed up by [Wine Staging 4.0](https://www.winehq.org/staging/4.0).
- [Kodi 18 platform got released](https://kodi.tv), followed by [LibreELEC 9.0.0](https://www.libreelec.tv) based on it

Interesting and Useful

- [Scraping TripAdvisor: text mining and sentiment analysis](https://www.datascienceplus.com/scraping-trip-advisor) – can’t believe how simple and readable the Python code is for a task of such complexity

Unix Tutorial articles

I made some New Years’ resolutions, one of them is a dramatically improved commitment to updating Unix Tutorial. As the result, I published more content in January 2019, than in the previous 9 years!

- Happy New Year 2019!
- ISO to USB in MacOS
- Test TCP connectivity with curl
- VirtualBox 6.0
- How To: Test Disk I/O with dd
- How To Use 7zip
- SSH port
- GitHub: Private Repositories are Free Now
- Docker – List Containers
- HW Virtualization
- Bash 5.0
- Unix Epoch
- Linux: List All Users
- How To: Mount ISO image in Linux
- pcs STONITH
- How To: Restart MySQL
- screenFetch in RHEL 8
- How To: Disable SElinux
- Docker: Stop All Containers
- How To: Confirm Current Kernel Boot Commands in Linux
- SElinux Status
- How To: Generate SSH key
- Unix Diff
- SElinux: Advanced sestatus usage
- List RHEL subscriptions
- YUM: list and install software groups
- tmux: basic configuration
- Show network errors with netstat

That’s it for today!

See Also

- Unix Tutorial Digest
- Unix commands
- Basic Unix commands
- Advanced Unix commands