Continued Setup (Repo Locations)

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ACME CORP

Repository Overview 👀

A Linux repository is a storage location from which your system retrieves and installs OS updates and applications. Each repository is a collection of software hosted on a remote server and intended to be used for installing and updating software packages on Linux systems

Objectives 🎯

This tutorial will teach you how view the Linux default repositories as well as modify them

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Updating CentOS✔️

It is always a good idea to check for updates before installing repos.

> ⓘ sudo yum update

- This command will update installed software

```
[dave@localhost ~]$ sudo yum update
[sudo] password for dave:
Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile
 * base: mirror.umd.edu
 * extras: mirror.centos.iad1.serverforge.org
 * updates: mirrors.greenmountainaccess.net
base                                                       | 3.6 kB  00:00:00
extras                                                     | 2.9 kB  00:00:00
updates                                                    | 2.9 kB  00:00:00
No packages marked for update
[dave@localhost ~]$ _
```

Updating Ubuntu✔️

It is always a good idea to check for updates before installing repos.

> ⓘ sudo apt-get update

- This command will update installed software

```
dave@acme:~$ sudo apt-get upgrge
E: Invalid operation upgge
dave@acme:~$ sudo apt-get update
Hit:1 http://us.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://us.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://us.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:4 http://us.archive.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:5 http://us.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [1,750 kB]
Get:6 http://us.archive.ubuntu.com/ubuntu focal-updates/main Translation-en [325 kB]
Get:7 http://us.archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [15.0 kB]
Get:8 http://us.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [947 kB]
Get:9 http://us.archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [135 kB]
Get:10 http://us.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 c-n-f Metadata [528 B]
Get:11 http://us.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [920 kB]
Get:12 http://us.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [206 kB]
Get:13 http://us.archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [20.6 kB]
Get:14 http://us.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [24.4 kB]
Get:15 http://us.archive.ubuntu.com/ubuntu focal-updates/multiverse Translation-en [7,336 B]
Get:16 http://us.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 c-n-f Metadata [592 B]
Get:17 http://us.archive.ubuntu.com/ubuntu focal-backports/main amd64 Packages [42.2 kB]
Get:18 http://us.archive.ubuntu.com/ubuntu focal-backports/main Translation-en [10.1 kB]
Get:19 http://us.archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [864 B]
Get:20 http://us.archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [22.7 kB]
Get:21 http://us.archive.ubuntu.com/ubuntu focal-backports/universe Translation-en [15.5 kB]
Get:22 http://us.archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [804 B]
Get:23 http://us.archive.ubuntu.com/ubuntu focal-security/main amd64 Packages [1,422 kB]
Get:24 http://us.archive.ubuntu.com/ubuntu focal-security/main Translation-en [246 kB]
Get:25 http://us.archive.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [10.1 kB]
Get:26 http://us.archive.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [886 kB]
Get:27 http://us.archive.ubuntu.com/ubuntu focal-security/restricted Translation-en [126 kB]
Get:28 http://us.archive.ubuntu.com/ubuntu focal-security/restricted amd64 c-n-f Metadata [532 B]
Get:29 http://us.archive.ubuntu.com/ubuntu focal-security/universe amd64 Packages [700 kB]
Get:30 http://us.archive.ubuntu.com/ubuntu focal-security/universe Translation-en [124 kB]
Get:31 http://us.archive.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [14.4 kB]
Fetched 8,309 kB in 2s (3,364 kB/s)
Reading package lists... Done
dave@acme:~$
```

Repository Locations CentOS✔️

> ⓘ yum repolist all

- This command will list all repositories.

Repository Locations Ubuntu✔️

> (i) sudo apt-cache policy | less

- This command will list all repositories.

Example of command line

Example of command line code

Ubuntu Repository Modifications✔️

> (i) sudo add-apt-"repo" multiverse
> sudo add-apt-"repo" universe
> sudo add-apt-"repo" restricted

- This command will enable a repo of choice.

> (i) sudo add-apt-"repo" --remove multiverse
> sudo add-apt-"repo" --remove universe
> sudo add-apt-"repo" --remove restricted

- This command will disable a repo of choice.

CentOS Repository Modifications✔️

> (i) sudo yum-config-manager --enable "repo"

- This command will enable a repo of choice.

> (i) sudo yum-config-manager --disable "repo"

- This command will disable a repo of choice.

Citations👱🏼‍♀️

Repository Overview

https://www.networkworld.com/article/3305810/how-to-list-repositories-on-linux.html

PDF Template

slite.com

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