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Challenges - Software Management



Challenges - dpkg, apt

System Administration



Task Automation and Scheduling Using Cron (crontab)(14:50)



Scheduling Tasks Using Anacron (anacron)(6:45)



Quiz for Cron and Anacron



Mounting and Unmounting File Systems(df, mount, umount, fdisk, gparted)(11:04)



Working With Device Files (dd) (10:20)

Challenges - dpkg, apt

How to solve these challenges:

- To be consistent with the filenames and paths run the commands on Ubuntu
- Write your solution **in a terminal** and **test it**.
- If your solution is not correct, then try to understand the error messages, watch the video again, rewrite the solution, and test it again. Repeat this step until you get the correct solution.
- Save** the solution in a file for future reference or recap.

Challenge #1

- Download the Google Earth package (.deb) for Ubuntu from this address: https://www.google.com/intl/en_in/earth/versions/
- Install the app using the locally downloaded .deb file and **dpkg**
- Start the application.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #2

- Remove the Google Earth application using **dpkg**
- Install Google Earth again using **apt** and the deb file.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #3

- Display all installed applications using **dpkg**
- Take any Linux command and check to which package it belongs.
- List all other files from that package

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #4

- Install the **nginx** web server using **apt**.
- Start and check the service by connecting to localhost using the browser.
- Remove the web server.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #5

- Search for a package named squid in the official repositories and display information about it.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).

Challenge #6

- List all upgradable applications.
- Upgrade all applications assuming *yes* to each prompt.

Are you stuck? Do you want to see the solution to this challenge? Click [here](#).