

Using dnf

1. Attempt to run the command `gnuplot`. You should find that it is not installed.

```
[root@centos8srv ~]# dnf search gnuplot
Last metadata expiration check: 1:23:24 ago on Thu 26 Jan 2023 02:18:19 PM EET.
No matches found.
[root@centos8srv ~]#
```

2. Search for the plotting packages.

```
[root@centos8srv ~]# dnf search plot
Last metadata expiration check: 1:31:17 ago on Thu 26 Jan 2023 02:18:19 PM EET.
===== Name & Summary Matched: plot =====
plotnetcfg.x86_64 : A tool to plot network configuration
texlive-pst-plot.noarch : Plot data using PSTricks
===== Name Matched: plot =====
plotutils.i686 : GNU vector and raster graphics utilities and libraries
plotutils.x86_64 : GNU vector and raster graphics utilities and libraries
[root@centos8srv ~]# dnf search plot
```

3. Find out more information about the `gnuplot` package.

```
[root@centos8srv ~]# dnf info gnuplot
Last metadata expiration check: 1:40:14 ago on Thu 26 Jan 2023 02:18:19 PM EET.
Error: No matching Packages to list
[root@centos8srv ~]#
```

4. Install the `gnuplot` package.

```
[root@centos8srv ~]# dnf install gnuplot
Last metadata expiration check: 1:37:14 ago on Thu 26 Jan 2023 02:18:19 PM EET.
No match for argument: gnuplot
Error: Unable to find a match: gnuplot
[root@centos8srv ~]#
```

5. Attempt to remove the `gnuplot` package, but say no

```
Error: Unable to find a match: gnuplot
[root@centos8srv ~]# dnf remove gnuplot
No match for argument: gnuplot
No packages marked for removal.
Dependencies resolved.
Nothing to do.
Complete!
```

6. How many packages would be removed

.No packages will be removed

7. Attempt to remove the `gnuplot-common` package but say no

```
[root@centos8srv ~]# dnf remove gnuplot-common
No match for argument: gnuplot-common
No packages marked for removal.
Dependencies resolved.
Nothing to do.
Complete!
[root@centos8srv ~]#
```

8. How many packages would be removed

.No packages will be removed

9. Create the file `/etc/yum.repos.d/cdrom.repo` to enable install from the iso of Red Hat

10. Try to install any package from the new repository

Using rpm

11. List all installed packages in your system.

12. View the files in the `initscripts` package

13. Get general information about `bash` rpm.

14. Have the files from the pam package changed since it was installed.
15. Which installed packages have gnome in their names?
16. Install any uninstalled package from RH Enterprise Linux cds.
17. Search for software resemble the Photoshop software other than Gimp and install it