

Session → 13

Package Management

↳ for install software
sometime it gives xpm → `> rpm -q firefox` → for query
`> rpm -e firefox` → for uninstall
`> rpm -i firefox` → for install

yum → `> yum install firefox`

↳ in New O.S, we need to register / configure the yum command
↳ by default, in New O.S it gives error bcz. of No repository setup.

Issue With rpm

- for install software using (rpm), first we need to download the software in your drive
- dependency issue (Redhat is open source, so find its location is difficult)
- ↳ Why yum?
- by using (yum) command, it internally download & install software no need to manually do it.
- No dependency issue

Yum Configuration

- Attach your Redhat DVD.
- find the Path of Software
 - ↳ in dup go to App stream folder
 - `> pwd`
 - ↳ `/run/media/DVD name/AppStream` → copy this location
- `> cd /etc/yum.repos.d/`
- ↳ `ls` → `redhat.repo`
- ↳ here create a file with any name anubhav.repo
- `> gedit anubhav.repo`

It only shows those software which are available in your DVD, but you need some more extra software

```
[dvd1]
baseurl=file:/// - location of software
gpgcheck=0
[dvd2]
baseurl=file:/// - location of software
gpgcheck=0
```

there are 2 places in DVD where your file / software are stored.

configure fusion command & save & exit

yum is configured successfully for check.

`> yum repolist`

For checking any Software inside your Repo:

> yum list Python2 → Software Name

For checking Dependency & rpm issue

> yum install Python2 → it shows the no. of dependency, which also needs to install for

here if we use rpm then it fail because of dependency ^{our Python 2}

In RHEL 8, one more command introduce
dnf → it is faster than yum & also issue the some prob. that are issue in yum

> dnf install <https://download1.rpmfusion.org/free/el/rpmfusion-free-release-8.noarch.rpm>

↳ it will add some more repo file, which helps us to download the software