

Package Management

Tuesday, May 29, 2018 2:28 PM

YUM - Yellow Dog update Modifier

YUM Search httpd

" info "

" install "

list installed httpd

deplist httpd // dependency list

remove

autoremove httpd // removes all the packages that are installed as well

which httpd

repolist // list of repositories it connects to

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RedHat Systems the repository information is saved in text file.

cd /etc/yum.repos.d

ls = to list all the files.

less CentOS-Base.repo

Find the names of repos & some of online locations

YUM Clean all // local yum database is cleaned up. to make sure  
yum update - to get fresh list updates

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RPM - Installation for single packages  
which for dependencies.

RPM - Installation for single packages

- Doesn't check for dependencies.
- Sometimes dependencies might need other dependencies.

rpm -i <rpm filename.rpm>

Install

- V (verbose output)
- h (Progress Bar)
- q (query to find the package version)
- qi (Info to the queries)
- ql (what files the package installs)
- qd (what documentation)
- qR (what packages rpm requires)
- qPR (to find the required packages before installation)
- Uvh (to update the existing package)
- e --test (to see only the required repos is removed)
- e (to remove a repo)

APT - only one file that has the list of all locations yum uses multiple repo files.

cd /etc/apt/sources.list

apt update (update all the repos).

apt-cache search <package name>  
↓  
to look for a specific package  
checking in the cache list.

apt install <package name>  
which.

remove

remove --purge (to remove any config files)

autoremove (to remove the extra components that are ...)

**remove** — (to remove the extra components that are no longer needed)  
**autoremove** (All)  
**upgrade** (All)  
**full-upgrade** (Removes any not needed & installs any needed)

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**dPKG** : Debian Package Management

**dPKG --get-selections** (Displays all the packages)

**dPKG-dep -I <debname file.deb>**  
(to gather info about a package)

**dPKG --get-selections <package name>**

**dPKG-deb --contents <debname file.deb>**

**dPKG -i <Pn>** (Install).

**apt update** (In case of missing a dependency so that we can resync the apt cache with online repositories)

**apt -f update** (fix option to download the dependencies as needed).

**dPKG -r <Pn>** (to remove package)

**-l <Pn>** (to list the installed packages)

**-P** (to remove all the packages)

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