Yum Command Cheat Sheet by Linux Handbook

Install, uninstall & upgrade packages

Command	Functionality	Example command
`install`	Install a package from yum repository	`sudo yum install nginx`
`remove`	Remove an installed package and its dependencies from the system	`sudo yum remove nginx`
`erase`	Similar to remove command	`sudo yum erase nginx`
`update`	Update or or more packages on the system	`sudo yum update` or `sudo yum update gcc`
`update-to`	Update or or more packages to a specific version	`sudo yum update-to ngingx-2.7-1.1`
`upgrade`	update all packages to the latest version	`sudo yum upgrade`
`reinstall`	Reinstall current version of a specific package	`sudo yum reinstall httpd`
`autoremove`	Remove a package and all other unnecessary packages	`sudo yum autoremove httpd`
`downgrade`	Downgrade a specific package to an earlier version	`sudo yum downgrade nginx`
`swap`	Remove package and install another	`sudo yum swap nginx httpd`
`localinstall`	Install a package from a local repository	`sudo yum localinstall http://127.0.0.1/baseos/nginx-a.b.b.c.rpm`
`groupinstall`	Install packages from a specific group	`sudo yum groupinstall "group name"`

Base Package Commands

Command	Functionality	Example
`list`	List package names from repositories	`sudo yum list all`
`info`	Show information about a specific package	`sudo yum info nginx`
`search`	Search for a package name and description	`sudo yum search apache`
`updateinfo`	Show information about available package updates	`sudo yum updateinfo baseos`
`check-update`	Show available package updates from enabled repositories	`sudo yum check-update`
`grouplist`	Show names and available package groups	`sudo yum grouplist`
`deplist`	Show dependencies for a specific package	`sudo yum deplist vsftpd`
`provides`	Locate the package that provides a specific file	`sudo yum provides "*/bin/zsh"`
`groupinfo`	Show description and contents of a package group	`sudo yum groupinfo "group name"`
`help`	Display yum help information or help on sub command	`sudo yum help` or `sudo yum help list`

Managing Yum Repos

Command	Functionality	Example

Command	Functionality	Example
repolist	List the available software repositories	sudo yum repolist
repo-pkgs	Use packages in a specific repository	sudo yum repo-pkgs baseos list
repoinfo	Show information about enabled repositories	sudo yum repoinfo baseos
makecache	Download repository data to cache	sudo yum makecache

Troubleshooting Yum

Command	Functionality	Example
clean	Clean out all cached package data and metadata	sudo yum clean packages or sudo yum clean all
check	Check local RPM db for problems	sudo yum check
history	View and use yum transactions	sudo yum history list or sudo yum history undo or sudo yum history redo
fssnapshot	Show LVM snapshots	sudo yum fs filters

Helpful Options

Command Option	Functionality	Example
-y	Assume yes if prompted	sudo yum -y install nginx
--assumeno	Assume no if prompted	sudo yum --assumeno install nginx
-v	Verbose	sudo yum -v install
-q	Quiet	sudo yum -q install
--noplugins	Do not load any YUM plugins	sudo yum --noplugins install
--disableplugin=	Deactivate a specific plugin	sudo yum --disableplugin=ps
--enableplugin=	Activate a specific plugin	sudo yum --enableplugin=ps
--changelogs	Show changelog info of a package	sudo yum --changelogs install httpd
---filter=??	Filter output for specific vendors, groups, architectures, and others.	sudo yum list available --filter=server
--enablerepo=	Enable a deactivated repo	sudo yum install nginx --enablerepo=??
--disablerepo=	Disable an activated repo	sudo yum install nginx --deactivaterepo=??
--downloadonly	Download package and no install	sudo yum install --downloadonly httpd

Extra Commands

Commands	Functionality
reposync	Synchronize yum repo to local directory
show-installed	Show installed packages

Commands	Functionality
`verifytree`	Check local repo for consistency
`yumdb`	Change yum database
`yumdownloader`	Download a package from repo to cwd
`repouery`	Query remote repo and local db
`repoclosure`	Get unmet dependency list
`needs-restarting`	Show processes that have been updated and require restart

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