DNF Cheat Sheet

by misterrabinhalder via cheatography.com/35799/cs/18826/

Overview

/etc/dnf/dnf.conf DNF configuration file

/etc/yum.repos.d all repo files

List

dnf list --all list all installed and available packages

dnf list *expression* list packages matching *expression*

dnf list --installed *expression* list installed packges matching *expression*

dnf list --available *expression* list available packages matching *expression*

dnf list --extras *expression* list extras packages matching *expression*

dnf list --obsoletes *expression* list obsoletes packages matching *expression*

dnf list --recent *expression* list recent packages matching *expression*

dnf list --upgrades *expression* list upgrades available for packges matching *expression*

dnf list --autoremove list orphaned packages

Info

dnf info *package_name* show info of *package_name*

dnf provides *path/to/file* show which package provides */path/to/file*

Search

dnf search *term* search for *term* in package name and summary

Download

dnf install dnf-plugins-core install dnf core plugins

dnf download *package* download package

Install

dnf install *package_name* install package and dependencies

dnf install */path/to/local/rpm* install local package and dependencies

dnf install */path/to/file* install package which provides */path/to/file*

dnf reinstall *package_name* reinstall package and dependencies

dnf downgrade *package_name* downgrade package

dnf mark install *package_name* marks the specified packages as installed by user.

dnf unmark remove *package_name* unmarks the specified packages as installed by user

dnf mark group *package_name* marks the specified packages as installed by group

History

dnf history list list dnf transactions history

dnf history info *transaction* show info of particular *transaction*

dnf history redo *transaction* redo particular *transaction*

dnf history rollback *transaction* rollback particular *transaction*

dnf history undo *transaction* undo particular *transaction*

dnf history userinstalled show all installonly packages, packages installed outside of DNF and packages not installed as dependency

Update

dnf check-update check if updates available

dnf upgrade update packages to latest version

dnf upgrade-minimal update packages to major patchset and security

dnf distro-sync update packages to latest version

Repository

dnf repolist *--enabled*|*--disabled*|*--all* lists enabled, disabled or all known repositories

dnf repoquery searches the available DNF repositories for selected packages

dnf repository-packages run commands on top of all packages in the repository

dnf config-manager --add-repo=*URL* add remote repository

Group

dnf group summary *group* show overview of how many groups are installed and available

dnf group info *group* show package lists of a group

dnf group install --with-optional *group* install packages the *group* contains

dnf group list *group* list all matching group

dnf group remove *group* remove those packages in the group

dnf group upgrade *group* upgrades the packages from the group and upgrades the group itself

Uninstall

dnf remove *package_name* uninstall *package_name*

dnf autoremove uninstall orphaned packages

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