

### 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 packages 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 packages 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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