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Gentoo Linux Cheat Sheet

Essential commands for Gentoo administrators

Repository Sync `emaint -auto sync` `emaint -a sync` `emerge-webrsync` `eix-sync`

Package Listing `qlist -IRv eix -world | less` `equery list -duplicates '*'` `equery y firefox`

Install & Emerge `emerge -pv www-client/firefox` `emerge -av www-client/firefox` `emerge -ask =www-client/firefox-96.0.1` `emerge -noreplace firefox` `emerge -a1 www-client/firefox`

Package Removal `emerge -deselect www-client/firefox` `emerge -pretend -depclean` `emerge -ask -depclean` `emerge -ask -verbose -depclean www-client/firefox`

System Upgrade `emerge -avuDU -with-bdeps=y @world` `emerge -quiet -update -changed-use -deep @world`

Troubleshooting `revdep-rebuild -v` `equery b 'which vim'` `e-file vim` `equery d www-client/firefox`

Rebuilds `emerge @module-rebuild` `emerge @preserved-rebuild`

USE Flags `euse -i X` `equery hasuse mysql` `equery uses <package>` `eix -installed-with-use mysql` `echo 'dev-util/cmake -qt5' » /etc/portage/package.use`

Important Files `/etc/portage/make.conf` `/etc/portage/package.use` `/etc/portage/package.mask` `/etc/portage/package.license` `/var/lib/portage/world`

OpenRC Services `rc-update add sshd default` `rc-service sshd start` `rc-service sshd status` `rc-status -all`

Systemd Services `systemctl enable sshd` `systemctl start sshd` `systemctl status sshd`

Logging & Build Times `genlop -l | tail -n 10` `genlop -t libreoffice` `emerge -pU @world | genlop -pretend watch genlop -unc`

Overlay Management `eselect repository list` `eselect repository list -i`

Tips & Cache `emerge -regen` `emerge -s "%python$"qcheckvim-core`