

emerge1rc-service1rc-update1equery1e-file1eselect1eix1revdep-rebuild1qlist1

Gentoo Linux Cheat Sheet

Essential commands for Gentoo administrators

Repository Sync

```
emerge1rc-service1rc-update1equery1e-  
file1eselect1eix1revdep-rebuild1qlist1
```

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

Package Listing

```
emerge1rc-service1rc-update1equery1e-  
file1eselect1eix1revdep-rebuild1qlist1
```

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

Install & Emerge

```
emerge1rc-service1rc-update1equery1e-  
file1eselect1eix1revdep-rebuild1qlist1
```

```
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

```
emerge1rc-service1rc-update1equery1e-  
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```

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

System Upgrade

```
emerge1rc-service1rc-update1equery1e-  
file1eselect1eix1revdep-rebuild1qlist1
```

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

Troubleshooting

```
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file1eselect1eix1revdep-rebuild1qlist1
```

```
revdep-rebuild -v  
equery b `which vim`  
e-file vim
```

Rebuilds

```
emerge1rc-service1rc-update1equery1e-  
file1eselect1eix1revdep-rebuild1qlist1
```

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

USE Flags

```
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```

```
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

```
emerge1rc-service1rc-update1equery1e-  
file1eselect1eix1revdep-rebuild1qlist1
```

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

OpenRC Services

```
emerge1rc-service1rc-update1equery1e-  
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```

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

Systemd Services

```
emerge1rc-service1rc-update1equery1e-  
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```

```
systemctl enable sshd  
systemctl start sshd  
systemctl status sshd
```

Logging & Build Times

```
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```

```
genlop -l | tail -n 10
```

Overlay Management

```
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```

```
eselect repository list  
eselect repository list -i
```

Tips & Cache

```
emerge1rc-service1rc-update1query1e-  
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```

```
emerge --regen  
emerge -s "%^python%"  
qcheck vim-core
```