

: [Portage](#)

Portage

Portage - the heart of Gentoo
emerge - configuration - ebuild repository - dispatch-conf
world file - USE flags - ebuilds - profiles
upgrades - using testing packages - binary packages
tools - gentoolkit - eselect
Portage FAQ - cheat sheet - FAQ

Portage() Gentoo()

[emerge](#) 가 , 가

emerge

emerge

가

[FAQ](#)

[FAQ](#)



[emerge, emaint](#) [dispatch-conf](#)가 가



man portage
[emerge](#)

가 , 가 ! 가

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```
* * An update to portage is available. It is highly recommended
* that you update portage now, before any other packages are updated.
* To update portage, run 'emerge --oneshot sys-apps/portage' now.
```

```
apps/portage (가) : sys-
가 -oneshot
```

```
root #emerge --ask --oneshot sys-apps/portage
```

```
가 User:Sam/Portage_help/Upgrading_Portage가
```

```
make.conf
```

```
/etc/portage
```

```
man make.conf
```

```
usr/share/portage/config/make.globals
/etc/portage/make.conf
```

가

```
man make.conf
```

```
user $emerge --info --verbose
```





`/etc/portage/package.env`

Ebuild

가 : , 가
ebuild

- repos.gentoo.org - , 가
- [GURU](https://www.guru.org) -
- gpo.zugaina.org -

https://wiki.gentoo.org/wiki/Ebuild_repository#Repository_management

`emerge -search eix` 가 ebuild



가 , [GURU](#)
가

가



`emerge, emaint, dispatch-conf`

archive-conf

`archive-conf` `dispatch-conf`
가 :

```
root #archive-conf
Usage: archive-conf /CONFIG/FILE [/CONFIG/FILE...]
```

dispatch-conf

dispatch-conf

[dispatch-conf](#)

ebuild

ebuild

가
가 [emerge](#)

ebuild

[ebuild](#)

egencache

[egencache](#)
[egencache](#)

ebuild

emaint

emaint

man 1 emaint



[emerge -sync](#)

[emaint](#)

```
user $ emaint -help
      :      : emaint [  ]
```

emaint

emaint(1)

```
      :
all
binhost
cleanconfmem
cleanresume      emerge --resume
logs              PORTAGE_LOGDIR
merges
```

```

movebin
moveinst
.
sync          repos.conf
world        world
.
:
-h, --help
-c, --check      ( module )
-f, --fix        ( module )
--version
-C, --clean      7 (cleanlogs ) : -
t, -p
-t NUM, --time NUM (cleanlogs ): -t, --time
-p, --pretend    (cleanlogs ): -p, --pretend
-p, --purge
:
-y, --yes        (merges submodule ):
-r REPO, --repo REPO (sync module ): -r, --repo
-A, --allrepos    (sync module ): -A, --allrepos sync-url
-a, --auto        (sync module ): -a, --auto 가
--sync-submodule {glsa,news,profiles}
(sync module ):

```

emerge

emerge() 가

emerge-websync

```

root #emerge-webrsync -h
: /usr/bin/emerge-webrsync [ ]
:
--revert=yyyymmdd (yyyymmdd)
-k, --keep DISTDIR ( )
-q, --quiet
-v, --verbose
-x, --debug

```

`-h, --help`

`etc/portage/repos.conf` `sync-type` `webrsync` `eix-sync`가 `emerge-webrsync`

emirrordist

```
root #emirrordist -h
      : emirrordist [ ] < >
emirrordist -가
      :
-h, --help
      :
--version
--mirror dist
      :
--dry-run (
--verbose )
--verbose, -v stderr 가 (
      가)
--ignore-default-opts EMIRRORDIST_DEFAULT_OPTS
      :
--distfiles DIR distfiles ( )
--jobs JOBS, -j JOBS
--load-average LOAD, -l LOAD
--tries TRIES , 0 . (
      10)
--repo REPO
--config-root DIR
--repositories-configuration REPOSITORIES_CONFIGURATION
      (repos.conf )
--strict-manifests <y|n> " " FEATURES
--failure-log FILE 가
--success-log FILE , 가
--scheduled-deletion-log FILE ,
--delete dist
--deletion-db FILE ,
--deletion-delay SECONDS ( )
--temp-dir DIR
--mirror-overrides FILE
--mirror-skip MIRROR_SKIP
--restrict-mirror-exemptions RESTRICT_MIRROR_EXEMPTIONS
```

```

        . RESTRICT="mirror"
--verify-existing-digest          distfiles가
        .
--distfiles-local DIR            distfiles-local
--distfiles-db FILE              Recycle dir

--recycle-dir DIR                --delete

--recycle-db FILEdist FILE-db    Recycle dir

--recycle-deletion-delay SECONDS
60 )
--fetch-log-dir DIR
--whitelist-from FILE            가
        .
        ,
        , #

```

man emirrordist

env-update

```

root # env-update -h
      : env-update [--no-ldconfig]

man 1 env-update

```

man env-update

가

fixpackages

```

root # fixpackages -h
      : fixpackages [-h]

fixpackages
        .
        .
        :
-h, --help

```

man fixpackages

regenworld

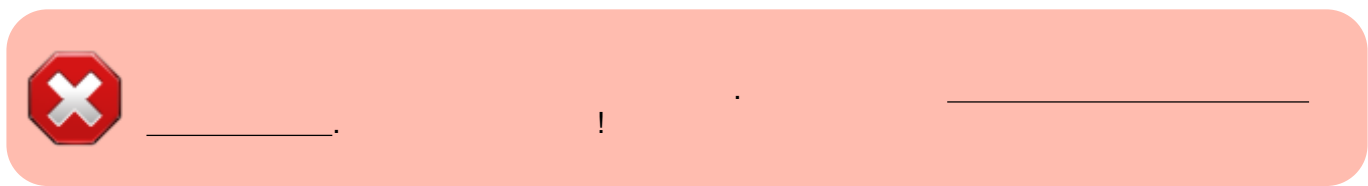
portageq

quickpkg

```
quickpkg [options] <atoms>

-h, --help
--umask <umask> (default: 0077)
--ignore-default-opts QUICKPKG_DEFAULT_OPTS
--include-config <y|n> CONFIG_PROTECT
--include-unmodified-config <y|n> CONFIG_PROTECT
```

repoman



repoman 2.3.0 app-portage/repoman
dev-util/pkgcheck dev-util/pkgdev

glsa-check

glsa-check GLSA
man glsa-check glsa-check -help

```
user $glsa-check --help
: glsa-check < > [glsa-id | all | new | affected]

-h, --help
-v, --version glsa-check
```

```

-q, --quiet
-v, --verbose
-n, --ncolor
-e, --emergelike
-c, --cve CVE ID
-r, --reverse GLSA

:
-l, --list GLSA

-d, --dump GLSA
--print --dump
-t, --test GLSA GLSA ID

-p, --pretend
-f, --fix ( ) GLSA
-i, --inject GLSA( ) glsa_injected
-m, --mail GLSA가

glsa-list GLSA ID, GLSA가 'all'
'affected'가

```

()

()

[.1\)](#)

```

user $ cat /var/db/repos/gentoo/metadata/timestamp.chk

```

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[. 가](#)

2019-04-29²⁾ 가 v2.3.66³⁾ portdir, distdir, repo_name, repo_basedir

[bug #662982](#)

2019-04-29

```
repo_basedir="/usr"
repo_name="portage"
distdir="/usr/portage/distfiles"
portdir="/usr/portage"
target_distdir="/usr/portage/distfiles"
target_pkgdir="/usr/portage/packages"
```

2019-04-29

```
repo_basedir="/var/db/repos"
repo_name="gentoo"
distdir="/var/cache/distfiles"
portdir="/var/db/repos/gentoo"
target_distdir="/var/cache/distfiles"
target_pkgdir="/var/cache/binpkgs"
```

- [portage](#) -
- [make.conf](#) -

[/etc/portage/color.map](#) - (Cygwin), Termux)

1)

[.bashrc](#) 가 가

2)

<https://gitweb.gentoo.org/proj/portage.git/tag/?h=portage-2.3.66>

3)

<https://gitweb.gentoo.org/proj/catalyst.git/commit/?id=91eb3317ee581f7d1eeacc68ebe88de5a1cdfd1a>

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Last update: **2024/05/08 03:06**

