

: [Portage](#)

# Portage

<b>Portage - the heart of Gentoo</b>
<a href="#">emerge</a> - <a href="#">configuration</a> - <a href="#">ebuild repository</a> - <a href="#">dispatch-conf</a>
<a href="#">world file</a> - <a href="#">USE flags</a> - <a href="#">ebuilds</a> - <a href="#">profiles</a>
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Portage( ) Gentoo( )

[emerge](#) 가 , 가

## emerge

**emerge**

가

[FAQ](#)

[FAQ](#)



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



**man portage**  
[emerge](#)

가 , 가 ! 가

가

가

가

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

[https://wiki.gentoo.org/wiki/Ebuild\\_repository#Repository\\_management](https://wiki.gentoo.org/wiki/Ebuild_repository#Repository_management)

`emerge -search eix` 가 ebuild



가 , [GURU](https://www.guru.org)  
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-sync가 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**

(/var/lib/portage/world)

```
root # regenworld -h
```

```
--help  
(/var/lib/portage/world)
```

## portageq

## quickpkg

가

```
$quickpkg --help  
: quickpkg [ ] < atoms >  
:  
-h, --help  
--umask UMASK (0077)  
--ignore-default-opts QUICKPKG_DEFAULT_OPTS  
--include-config <y|n> CONFIG_PROTECT  
( , 'n').  
--include-unmodified-config <y|n> CONFIG_PROTECT  
( , 'n')
```

## repoman



repoman 2.3.0 app-  
portage/repoman repoman

dev-util/pkgcheck dev-util/pkgdev

# glsa-check

, GLSA ::gentoo ebuild

**glsa-check** GLSA 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
                ( 가 )
-i, --inject     GLSA( ) glsa_injected
-m, --mail       GLSA가

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

```

( )

( )

.<sup>1)</sup>

```

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

```

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2019-04-29<sup>2)</sup>  
가

v2.3.66<sup>3)</sup>

*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](#) -

, 가

/etc/portage/color.map -

/

, Termux

).

(Cygwin

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>

a

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