

NAME

poudriere-bulk - build a ready-to-export package tree

SYNOPSIS

poudriere bulk -a -j name [-CcFlikNnRrSTtvw] [-B name] [-J maxjobs[:prebuildmaxjobs]] [-p tree] [-z set]

poudriere bulk -f file [[-f file2] ...] -j name [-CcFlikNnRrSTtvw] [-B name] [-J maxjobs[:prebuildmaxjobs]] [-p tree] [-z set]

poudriere bulk -j name [-CcFlikNnRrSTtvw] [-B name] [-J maxjobs[:prebuildmaxjobs]] [-p tree] [-z set] origin [origin2 ...]

DESCRIPTION

This command makes a ready-to-export package tree, and fills it with binary packages built from a given list of ports. During the build, hit **^T** to send SIGINFO and show stats and progress about the build.

See the *FLAVORS* section in *poudriere(8)* for supported flavors syntax.

See the *CUSTOMIZATION* section in *poudriere(8)* to learn how to build binary packages with options that differ from defaults.

poudriere will disable make jobs for packages not listed in **ALLOW_MAKE_JOBS_PACKAGES**, unless **ALLOW_MAKE_JOBS** is set in *poudriere.conf*. The number of jobs can be controlled in *make.conf* with the ports(7) flags **MAKE_JOBS_NUMBER** and **MAKE_JOBS_NUMBER_LIMIT**. Beware that there is no global job control so each builder created from **-J** (or the default **PARALLEL_JOBS**) will spawn as many jobs as the ports framework allows.

SUBCOMMANDS

-a Build all ports in the tree with all flavors.

-f file Build ports listed in the *file*.

The path to the *file* has to be absolute. Ports must be specified in the form of "*category/port*" and sh(1)-style comments are allowed. Multiple **-f file** arguments may be specified at once.

OPTIONS

-B name Specify which buildname to use. By default *YYYY-MM-DD_HH:MM:SS* will be used. This can be used to resume a previous build and use the same log and URL paths. Resuming a build will not retry built/failed/skipped/ignored packages.

-C Clean only the packages specified on the command line or in the file given by **-f file**. Implies

-c for **-a**.

- c** Clean *all* previously built packages and logs.
- F** Fetch only from the original *MASTER_SITES*. Skip FreeBSD mirrors.
- i** Interactive mode.

Open an interactive shell session in the jail after the build is done and before the clean-up. It is a convenient way to do some additional testing.

A local pkg.conf(5) repository configuration will be installed to `${LOCALBASE}/etc/pkg/repos/local.conf` so that pkg(8) can be used with any existing packages built for the jail. The default FreeBSD repository will be disabled by default.

- j name** Run the bulk build on the jail named *name*.

- J maxjobs[:prebuildmaxjobs]**

Specify the number of jobs that will run in parallel for a bulk build. The optional second parameter, *prebuildmaxjobs*, is the number of jobs used for the steps before the build, they are more IO bound than CPU bound, so you may want to use a different number. The default pre-build value is 1.25 times the value of the build value.

- I** Advanced interactive mode.

Leave the jail running with ports installed after building and testing. It is a convenient way to do some additional testing. See `poudriere-jail(8)` to learn how to stop a running `poudriere` jail.

Similarly to **-i**, the **-I** flag will cause `pkg.conf(5)` to be installed in the jail.

- k** Do not consider failures to be fatal when using **-t**. Do not skip dependent ports on findings. This flag is automatically set when using **-at**.
- N** Do not build a package repository when the build is completed.
- n** Dry run. Show what would be done, but do not actually build or delete any packages.
- p tree** Specify on which ports *tree* the bulk build will be done.
- R** Clean *RESTRICTED* packages after building.

- r** Recursively test all dependencies as well. This flag is automatically set when using **-at**.
- S** Do not recursively rebuild packages affected by other packages requiring incremental rebuild. This may result in broken packages if the ones they depend on are updated, are not ABI-compatible, and were not properly *PORTREVISION* bumped.
- T** Try building *BROKEN* ports by defining *TRYBROKEN* for the build.
- t** Add some testing to the specified ports. Add **-r** to recursively test all port dependencies as well. When used with **-a** then **-rk** are implied.
- v** Enable additional information to be shown during the build. Specify twice to enable debug output.
- w** Save *WRKDIR* on build failure. The *WRKDIR* will be tarred up into `${POUDRIERE_DATA}/wrkdirs`.
- z set** This specifies which SET to use for the build. See the *CUSTOMIZATION* section in *poudriere(8)* for examples of how this is used.

EXAMPLES

Example 1: Starting a Bulk Build

The following example starts a bulk build of two ports.

```
# poudriere bulk accessibility/set www/firefox
```

SEE ALSO

poudriere(8), *poudriere-distclean(8)*, *poudriere-image(8)*, *poudriere-jail(8)*, *poudriere-logclean(8)*, *poudriere-options(8)*, *poudriere-pkgclean(8)*, *poudriere-ports(8)*, *poudriere-queue(8)*, *poudriere-status(8)*, *poudriere-testport(8)*, *poudriere-version(8)*

AUTHORS

Baptiste Daroussin <bapt@FreeBSD.org>
Bryan Drewery <bdrewery@FreeBSD.org>