### NAME

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

## SYNOPSIS

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

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

poudriere bulk -j name [-CcFIikNnRrSTtvw] [-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 prebuild 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 ABIcompatible, 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/sct 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>