

## NAME

**pkg annotate** - add, modify or delete arbitrary annotations from packages

## SYNOPSIS

**pkg annotate** [-qy] -A|M [-Cgix] *pkg-name tag* [*value*]

**pkg annotate** [-qy] -S|D [-Cgix] *pkg-name tag*

**pkg annotate** [-qy] -a -A|M *tag* [*value*]

**pkg annotate** [-qy] -a -S|D *tag*

**pkg annotate** [--{quiet,yes}] --{add|modify} [--{case-sensitive,case-insensitive,glob,regex}] *pkg-name tag* [*value*]

**pkg annotate** [--{quiet,yes}] --{show|delete} [--{case-sensitive,case-insensitive,glob,regex}] *pkg-name tag*

**pkg annotate** [--{quiet,yes}] --all --{add|modify} *tag* [*value*]

**pkg annotate** [--{quiet,yes}] --all --{show|delete} *tag*

## DESCRIPTION

**pkg annotate** is used to add, modify, delete or show package annotations. These are freeform tag-value pairs which may contain any arbitrary text. *Tags* must be unique per package, but there is no restriction on what text *values* may be attached to them.

The *tag* is always specified on the command line, but when adding or modifying an annotation, the *value* may be supplied either on the command line or as a text stream on stdin.

## OPTIONS

The following options are supported by **pkg annotate**:

### -a, --all

Annotate all installed packages.

### -A, --add

The operation is to add a new annotation. Attempting to add an annotation with a *tag* that already applies to that package is an error, but this will not cause **pkg annotate** to exit before attempting to apply the annotation to all remaining matched packages.

### -C, --case-sensitive

Make the standard or the regular expression (-x) matching against *pkg-name* case sensitive.

### -D, --delete

The operation is to delete an annotation. Only the *tag* needs to be specified. Attempting to

delete an annotation which does not exist on a package is an error, but this will not prevent **pkg annotate** carrying on to delete the annotation from all matched packages.

**-g, --glob**

Treat *pkg-name* as a shell glob pattern.

**-i, --case-insensitive**

Make the standard or the regular expression (**-x**) matching against *pkg-name* case insensitive. This is the default, unless modified by setting `CASE_SENSITIVE_MATCH` to true in *pkg.conf*.

**-M, --modify**

The operation is to modify a previously existing annotation. Functionally, this behaves similarly to **-A** except that it will succeed irrespective of whether the tag already applies to all the matched packages.

**-q, --quiet**

Operate quietly: do not output anything other than confirmatory questions.

**-S, --show**

Display the annotation identified by *tag* for each matched package.

**-x, --regex**

Treat *pkg-name* as a regular expression according to the "modern" or "extended" syntax of `re_format(7)`.

**-y, --yes**

Assume "yes" as the answer to all questions.

**ENVIRONMENT**

The following environment variables affect the execution of **pkg annotate**. See `pkg.conf(5)` for further description.

`PKG_DBDIR`

`DEFAULT_ALWAYS_YES`

`ASSUME_ALWAYS_YES`

`CASE_SENSITIVE_MATCH`

**FILES**

See pkg.conf(5).

**EXAMPLES**

Annotate the nginx package with the tag foo and a value of bar:

```
# pkg annotate -A nginx foo bar
```

View all annotations on a package:

```
$ pkg info nginx
```

Remove the annotation:

```
# pkg annotate -D nginx foo
```

Show all packages with the foo annotation:

```
# pkg annotate --all --show foo
```

**SEE ALSO**

pkg\_create(3), pkg\_printf(3), pkg\_repos(3), pkg\_keywords(5), pkg\_lua\_script(5), pkg\_repository(5), pkg\_script(5), pkg\_triggers(5), pkg\_conf(5), pkg(8), pkg\_add(8), pkg\_alias(8), pkg\_audit(8), pkg\_autoremove(8), pkg\_check(8), pkg\_clean(8), pkg\_config(8), pkg\_create(8), pkg\_delete(8), pkg\_fetch(8), pkg\_info(8), pkg\_install(8), pkg\_lock(8), pkg\_query(8), pkg\_register(8), pkg\_repo(8), pkg\_rquery(8), pkg\_search(8), pkg\_set(8), pkg\_shell(8), pkg\_shlib(8), pkg\_ssh(8), pkg\_stats(8), pkg\_triggers(8), pkg\_update(8), pkg\_updating(8), pkg\_upgrade(8), pkg\_version(8), pkg\_which(8)