NAME

pkgproto – generate prototype file entries for input to pkgmk command

SYNOPSIS

pkgproto [**–i**] [**–c** *class*] [*path1*]
pkgproto [**–i**] [**–c** *class*] [*path1=path2* . . .]

AVAILABILITY

SUNWcsu

DESCRIPTION

pkgproto scans the indicated paths and generates **prototype** file entries that may be used as input to the **pkgmk** command.

OPTIONS

–i Ignores symbolic links and records the paths as ftype=f (a file) versus ftype=s(symbolic link)

–c *class* Maps the class of all paths to *class*.

path1 Pathname where objects are located.

=path2 Pathname which should be substituted on output for *path1*.

If no paths are specified on the command line, standard input is assumed to be a list of paths. If the pathname listed on the command line is a directory, the contents of the directory is searched. However, if input is read from **stdin**, a directory specified as a pathname will not be searched.

EXAMPLES

The following two examples show uses of **pkgproto** and a partial listing of the output produced.

Example 1:

```
example% pkgproto /bin=bin /usr/bin=usrbin /etc=etc
f none bin/sed=/bin/sed 0775 bin bin
f none bin/sh=/bin/sh 0755 bin daemon
f none bin/sort=/bin/sort 0755 bin bin
f none usrbin/sdb=/usr/bin/sdb 0775 bin bin
f none usrbin/shl=/usr/bin/shl 4755 bin bin
d none etc/master.d 0755 root daemon
f none etc/master.d/kernel=/etc/master.d/kernel 0644 root daemon
f none etc/rc=/etc/rc 0744 root daemon
```

Example 2:

```
example% find / –type d –print | pkgproto
d none / 755 root root
d none /bin 755 bin bin
d none /usr 755 root root
d none /usr/bin 775 bin bin
d none /etc 755 root root
d none /tmp 777 root root
```

SEE ALSO

pkgmk(1), **pkgparam**(1), **pkgtrans**(1)

NOTES

By default, **pkgproto** creates symbolic link entries for any symbolic link encountered (ftype=s). When you use the –**i** option, **pkgproto** creates a file entry for symbolic links (ftype=f). The **prototype** file would have to be edited to assign such file types as "v" (volatile), "e" (editable), or "x" (exclusive directory). **pkgproto** detects linked files. If multiple files are linked together, the first path encountered is considered the source of the link.

By default, **pkgproto** prints prototype entries on the standard output. However, the output should be saved in a file (named **Prototype** or **prototype**, for convenience) to be used as input to the **pkgmk** command.