NAME

    pathchk - check pathnames

SYNOPSIS

    pathchk [**-pP**] *pathname* ...

DESCRIPTION

    The **pathchk** utility checks whether each of the specified *pathname* arguments is valid or portable.

    A diagnostic message is written for each argument that:

- Is longer than PATH_MAX bytes.

- Contains any component longer than NAME_MAX bytes. (The value of NAME_MAX depends on the underlying file system.)

- Contains a directory component that is not searchable.

    It is not considered an error if a *pathname* argument contains a nonexistent component as long as a component by that name could be created.

    The options are as follows:

-p   Perform portability checks on the specified *pathname* arguments. Diagnostic messages will be written for each argument that:

- Is longer than _POSIX_PATH_MAX (255) bytes.

- Contains a component longer than _POSIX_NAME_MAX (14) bytes.

- Contains any character not in the portable filename character set (that is, alphanumeric characters, '.', '-' and '_'). No component may start with the hyphen ('-') character.

-P   In addition to the default or **-p** checks, write a diagnostic for each argument that:

- Is empty.

- Contains a component that starts with a hyphen.

EXIT STATUS

The **pathchk** utility exits 0 on success, and >0 if an error occurs.

EXAMPLES

Check whether the names of files in the current directory are portable to other POSIX systems:

    find . -exec pathchk -p -- {} +

SEE ALSO

getconf(1), pathconf(2), stat(2)

STANDARDS

The **pathchk** utility conforms to IEEE Std 1003.1-2001 ("POSIX.1").

HISTORY

A **pathchk** utility appeared in FreeBSD 5.0.