

NAME

`namei` – follow a pathname until a terminal point is found

SYNOPSIS

namei [options] *pathname*...

DESCRIPTION

namei interprets its arguments as pathnames to any type of Unix file (symlinks, files, directories, and so forth). **namei** then follows each pathname until an endpoint is found (a file, a directory, a device node, etc). If it finds a symbolic link, it shows the link, and starts following it, indenting the output to show the context.

This program is useful for finding "too many levels of symbolic links" problems.

For each line of output, **namei** uses the following characters to identify the file type found:

```
f: = the pathname currently being resolved
d = directory
l = symbolic link (both the link and its contents are output)
s = socket
b = block device
c = character device
p = FIFO (named pipe)
- = regular file
? = an error of some kind
```

namei prints an informative message when the maximum number of symbolic links this system can have has been exceeded.

OPTIONS

-l, --long

Use the long listing format (same as **-m -o -v**).

-m, --modes

Show the mode bits of each file type in the style of **ls(1)**, for example 'rwxr-xr-x'.

-n, --nosymlinks

Don't follow symlinks.

-o, --owners

Show owner and group name of each file.

-v, --vertical

Vertically align the modes and owners.

-x, --mountpoints

Show mountpoint directories with a 'D' rather than a 'd'.

-h, --help

Display help text and exit.

-V, --version

Print version and exit.

BUGS

To be discovered.

AUTHORS

The original **namei** program was written by [Roger Southwick](mailto:rogers@amadeus.wr.tek.com) <rogers@amadeus.wr.tek.com>.

The program was rewritten by Karel Zak [Karel Zak](mailto:kzak@redhat.com) <kzak@redhat.com>.

SEE ALSO

ls(1), **stat**(1), **symlink**(7)

REPORTING BUGS

For bug reports, use the issue tracker at <https://github.com/util-linux/util-linux/issues>.

AVAILABILITY

The **namei** command is part of the util-linux package which can be downloaded from [Linux Kernel Archive](https://www.kernel.org/pub/linux/utils/util-linux/) <<https://www.kernel.org/pub/linux/utils/util-linux/>>.