NAME

seepath − see status of each component of a path

SYNOPSIS

seepath [**−f|F**] [*path* | *file*]
seepath −h

DESCRIPTION

seepath is a tool for analyzing a UNIX path by showing status information for each component of the path. The status information is shown via the **ls**(1) command with its **−l** option.

OPTIONS

The following options are supported:

−f Follow links that occur as the final component of the path only.

−F List out links in gory detail; ie, follow links that occur anywhere in the path. Overrides **−f**.

−h Help, just print an informational message and exit.

OPERANDS

The following operands are supported:

file or *path* The name of a file or directory, including any relative or direct path to one of these. When omitted, defaults to the current directory.

EXAMPLES

example% **seepath −F /usr/local/X**
seepath: /usr/local/X

```
drwxr−xr−x  25 root root     512 Oct 25 14:39 /
drwxrwxr−x  32 root sys     1024 Feb 17  1997 usr/
lrwxrwxrwx   1 root other     15 Feb 17  1997 local −> /auto/pkg/local/
drwxr−xr−x  25 root root     512 Oct 25 14:39 /
dr−xr−xr−x   2 root root       5 Jan  7 16:35 auto/
drwxrwxr−x 321 root lab    16384 Jan  6 12:43 pkg/
drwxrwxr−x  18 lab  lab     8192 Oct 29 04:05 local/
lrwxr−xr−x   1 lab  lab        9 Feb 14  1997 X −> ./X11R6.1/
drwxrwxr−x  18 lab  lab     8192 Oct 29 04:05 ./
drwxr−xr−x   6 lab  lab     8192 Feb 14  1997 X11R6.1/
```

DIAGNOSTICS

Returns **0** if no problems encountered.
Returns **non-zero** for any file or directory access errors.

SEE ALSO

ls(1), **sh**(1),
‘‘ToolMan: Upcoming Tools; Analyzing Paths’’, *;login:* magazine (USENIX Association), February 1998.

BUGS

seepath uses paths exactly as given. It makes no attempt to shorten the path by removing components such as ‘‘..’’.

seepath is a shell script, and makes a best guess at which flags to use with the **ls**(1) command. This might fail on some systems.

seepath will sometimes produce its own diagnostic output in addition to that produced by the external commands it employs.

AUTHOR

seepath was written at the Department of Computer Science at Duke University, by Daniel E. Singer (a.k.a. ToolMan).