

NAME

nlist — get entries from name list

SYNOPSIS

```
#include <a.out.h>
nlist (filename, nl)
char *filename;
struct nlist nl[ ];
```

DESCRIPTION

Nlist examines the name list in the given executable output file and selectively extracts a list of values. The name list consists of an array of structures containing names, types, locations and values. The list is terminated with a null name. Each name is looked up in the name list of the file. If the name is found, the type, location and value of the name are inserted in the next three fields. If the name is not found, all three entries are set to 0. See *a.out(5)* for a discussion of the symbol table structure.

This subroutine is useful for examining the system name list kept in the file */unix*. In this way programs can obtain system addresses that are up to date.

SEE ALSO

a.out(5)

DIAGNOSTICS

All type entries are set to 0 if the file cannot be found or if it is not a valid namelist.