

**NAME**

nlist – get entries from name list

**SYNOPSIS**

```
jsrr5,nlist; file; list
...
file: <file name\0>; .even
list: <name1xxx>; type1; value1
      <name2xxx>; type2; value2
...
0

nlist(filename, nl)
char *filename;
struct {
    char    name[8];
    int     type;
    int     value;
} 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 a list of 8-character names (null padded) each followed by two words. 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 and value of the name are placed in the two words following the name. If the name is not found, the type entry is set to -1.

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

**SEE ALSO**

a.out(V)

**DIAGNOSTICS**

All type entries are set to -1 if the file cannot be found or if it is not a valid namelist.

**BUGS**