

NAME

lorder - list dependencies for object files

SYNOPSIS

lorder *file* ...

DESCRIPTION

The **lorder** utility uses nm(1) to determine interdependencies between object files and library archives listed on its command line. It then outputs a list of pairs of file names such that the first file in each pair references at least one symbol defined by the second.

The output is normally used with tsort(1) when a library is created to determine the optimum ordering of the object modules so that all references may be resolved in a single pass of the loader.

Similarly, when linking static binaries, **lorder** and tsort(1) can be used to sort libraries in order of dependency.

While contemporary linkers no longer require the use of **lorder**, it is provided for the benefit of legacy code bases and build systems which still insist on it.

ENVIRONMENT

NM Path to the nm(1) binary, defaults to "nm".

NMFLAGS

Flags to pass to nm(1).

EXAMPLES

```
ar cr library.a `lorder ${OBJS} | tsort`  
cc -o foo ${OBJS} `lorder ${STATIC_LIBS} | tsort`
```

SEE ALSO

ar(1), ld(1), nm(1), ranlib(1), tsort(1)

HISTORY

A **lorder** utility appeared in Version 7 AT&T UNIX.

CAVEATS

The **lorder** utility will not work properly if given file names with spaces or newlines in them.