

**NAME**

**lorder** — list dependencies for object files

**SYNOPSIS**

**lorder** *file* . . .

**DESCRIPTION**

The **lorder** utility uses **nm(1)** to determine interdependencies in the list of object files and library archives specified on the command line. The **lorder** utility outputs a list of file names where the first file contains a symbol which is defined by the second file.

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.

When linking static binaries, **lorder** and **tsort(1)** can be used to properly order library archives automatically.

**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.