

Name

makelib — create, manipulate. and query OMF library files.

Synopsis

makelib [options] *library file* [*object files ...*]

Description

makelib is a utility for creating and manipulating OMF library files. **makelib** can add, delete, and extract files from the library, as well as list the library contents.

An OMF library file (filetype **\$B2**, **LIB**) is a collection of OMF object files and a dictionary header.

The dictionary header is stored in an OMF segment, kind **\$08**, Library Dictionary Segment. The segment contains 3 **LCONST** records, described below. All numbers are stored in little-endian format. All strings are variable length, preceeded by a length byte.

The first contains filename information.

File Number	word	Unique number for this file. Non-zero value.
File Name	string	The name of the original OMF file.

The second contains symbol information.

Name Offset	long word	offset into the symbol name table.
File Number	word	File in which this symbol was originally defined.
Private Flag	word	Zero if this symbol is public, non-zero if this symbol is private.
Segment Offset	long word	Absolute offset into the file to access the segment in which this symbol is defined.

The third contains symbol names and is sorted alphabetically.

Symbol Name	string	Name of the symbol
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Options

makelib recognizes the following options:

-a Add files to the library, creating the library if necessary. The

files to be added should be OMF object files (*i.e.*, not linked).

- d** Delete the specified files from the library.
- x** Extract the specified files from the library. The files will not be deleted from the library unless the **-d** flag is also specified.
- t** Print the dictionary contents.
- v** Be more verbose.
- h** Print usage and version information.