

# INTRODUCTION

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This information pertains to the library modules as a whole, as well as the interaction among modules. This section contains changes that have occurred in the library modules since the Lyric release. Changes for Medley Release 1.2 are indicated with revision bars in the right margin.

Primary change:

- The new Color module has been added at the end of the binder.

## What You Should Look For

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Before running the modules, pay particular attention to the file dependencies section below. Most modules use other files, which then must be accessible to the system, and often you'll also need files that are not loaded automatically.

Load the library modules with the `FILESLOAD` function, using the module's name without an extension. Most modules on the distribution contain the extensions `.LCOM` or `.DFASL` in their names to designate their compiled form. The exceptions are `ETHERRECORDS` and `SYSEDT`, which are currently distributed in source form. We have attempted to include the correct extension in the descriptions of each module contained in this manual. However, `(FILESLOAD . . .)` normally loads the correct files, regardless of their form.

## Modules that are New, Moved, or Replaced

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### Modules Added to the Library

Color

## Details of Changes

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The following module was added to the library with the Medley Release 1.2.

### Color

Now supports color Sun Workstations.

## File Dependencies

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Some modules require that another module be loaded into the sysout in order to run. Automatic dependencies are implemented in the source code, so that the module will load the files it depends on. Contingent dependencies are those files that you may need to load via commands typed into the executive window.

Some modules also depend of specific `FONT` files. As of this writing the best advice we can give to help you avoid difficulty is that you should make sure all your English font

## INTRODUCTION

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files are loaded in an accessible directory and that your DISPLAYFONTDIRECTORIES and INTERPRESSFONTDIRECTORIES variables are set accordingly.

<b>LIBRARY MODULE</b>	<b>AUTOMATIC DEPENDENCIES</b> (not including system files)	<b>CONTINGENT DEPENDENCIES</b> (of module)
	4045XLPSTREAM	DLRS232C or DLTTY or CENTRONICS
	BROWSER GRAPHER	MASTERSCOPE
	CASH-FILE HASH-FILE	
	CHAT DMCHAT CHATTERMINAL	PUPCHAT or NSCHAT or RS232CHAT or TTYCHAT and DMCHAT (default) or TCPCHAT or VTCHAT or TEDITCHAT and the corresponding explicit dependencies: PUPCHAT CHAT RS232CHAT DLRS232C see "RS232C" below CHAT TTYCHAT DLTTY see "RS232C" below RS232CHAT see above CHAT DMCHAT CHATTERMINAL TCPCHAT see "TCP-IP" below VTCHAT VT100KP
	DATABASEFNS	MASTERSCOPE
	DEDIT DEDITPP	
	EDITBITMAP READNUMBER	SCALEBITMAP
	FILEBROWSER TABLEBROWSER	Printer drivers, fonts TEDIT, SEDIT, DEDIT
	FONTSAMPLE	FONTSHEETx.IP
	FX-80DRIVER	DLRS232C or DLTTY
	GRAPHZOOM	

GRAPHER

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## INTRODUCTION

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HRULE

IMAGEOBJ

EDITBITMAP

TEDIT

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KERMIT

CHAT

RS232 or TCP protocols

KERMITMENU

KERMIT

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KEYBOARDEDITOR

VIRTUALKEYBOARDS

see below

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MASTERSCOPE

BROWSER, DATABASEFNS, a Lisp editor

MSPARSE

MSANALYZE

MSCOMMON

MS-PACKAGE

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MINISERVE

NS or PUP or XNS

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NSMAINTAIN

DES

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PRESS

FONT.WIDTHS

PUPPRINT

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RS232

KERMIT

RS232 port :

DLRS232C

DOVERSR232C

RS232CMENU

DLRS232C

see above

RS232CHAT

see above

TTY port :

DLTTY

DOVERSR232C

see above

DLRS232C

see above

TTYCHAT

see CHAT above

RS232CMENU

see above

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 SPY

GRAPHER

READNUMBER

IMAGEOBJ

EDITBITMAP

see above

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 SYSEDT

MASTERSCOPE

EXPORTS.ALL

CMLARRAY-SUPPORT

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 TCP-IP

TCP

TCPLLIP see below

TCPCHAT

TCP see above

CHAT see above

TCPCONFIG

TCPDEBUG

TCP see above

TCPFTP

TCPNAMES

TCP see above

TCPFTPSRV

TCPFTP see below

TCPHTE

TCPLLAR

TCPLLICMP

TCPLLIP

TCPHTE

TCPLLICMP

TCPLLAR

TCPNAMES

TCPTFTP

TCPUDP see below

TCPUDP

TCPLLIP see above

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 TELERAID

REMOTEVMEM

READSYS

RDSYS

VMEM

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 TEXEC

TEDIT

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 VIRTUALKEYBOARDS

DANDELIONKEYBOARDS or

DAYBREAKKEYBOARDS or

DORADOKEYBOARDS or

DOVEKEYBOARDS

WHERE-IS

HASH-FILE

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COLOR

MAIKOCOLOR

LLCOLOR

TAKEBIGBM

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## Additional Notes

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DEdit is not error-protected. Doing a ↑ in a DEdit break window closes the DEdit window, too.

In addition, the modules work under all Lisp environments (Interlisp-D, Common Lisp, Xerox Common Lisp). However, many of the functions and variables used within modules are those of Interlisp-D, and therefore you will have to make sure that you use the IL: prefix when you are not in Interlisp .

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## Koto CML Library Module

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If you have files that used the Koto CML library module, with its package-style symbol naming conventions, you will need to convert them to use the correct symbols in Lyric and Medley. The procedure is briefly as follows: see the *Lyric Common Lisp Implementation Notes*, Chapter 11, "Reader Compatibility Feature," for complete details on this mechanism:

First, set the global variable LITATOM-PACKAGE-CONVERSION-ENABLED to T. Then for each of your files, do

```
(LOAD file 'PROP)
```

```
(MAKEFILE file 'NEW)
```

Afterwards be sure to set the global variable LITATOM-PACKAGE-CONVERSION-ENABLED back to NIL.

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