

INTRODUCTION

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

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 `SYSEEDIT`, 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

Modules Added to the Library

Color

Details of Changes

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

Color

Now supports color Sun Workstations.

File Dependencies

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

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

LIBRARY MODULE	AUTOMATIC DEPENDENCIES (not including system files)	CONTINGENT DEPENDENCIES (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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HRULE

IMAGEOBJ
EDITBITMAP
TEDIT

KERMIT

CHAT
RS232 or TCP protocols

KERMITMENU
KERMIT

KEYBOARDEDITOR
VIRTUALKEYBOARDS
see below

MASTERSCOPE
MSPARSE
MSANALYZE
MSCOMMON
MS-PACKAGE

BROWSER, DATABASEFNS, a Lisp editor

MINISERVE

NS or PUP or XNS

NSMAINTAIN
DES

PRESS
PUPPRINT

FONT.WIDTHS

RS232
RS232 port :

KERMIT

DLRS232C
DOVERS232C

RS232CMENU
DLRS232C
see above
RS232CHAT
see above

TTY port :

DLTTY
DOVERS232C
see above
DLRS232C
see above

TTYCHAT
see CHAT above

RS232CMENU
see above

SPY

GRAPHER
 READNUMBER
 IMAGEOBJ
 EDITBITMAP
 see above

SYSEDT

EXPORTS.ALL
 CMLARRAY-SUPPORT

MASTERSCOPE

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

TELERAID

REMOTEVMEM
 READSYS
 RDSYS
 VMEM

TEXEC

TEDIT

VIRTUALKEYBOARDS

DANDELIONKEYBOARDS or
 DAYBREAKKEYBOARDS or
 DORADOKEYBOARDS or
 DOVEKEYBOARDS

WHERE-IS

HASH-FILE

COLOR

MAIKOCOLOR

LLCOLOR

TAKEBIGBM

Additional Notes

DEdit is not error-protected. Doing a \uparrow 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 .

Koto CML Library Module

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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