

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 2.0 are indicated with revision bars in the right margin.

Change:

- The UNIXChat and UNIXComm modules have 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 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

Modules Added to the Library

UNIXChat
UNIXComm

Details of Changes

The following module was added to the library with the Medley Release 2.0.

UNIXChat

This module is similar to Chat, but it communicates with a C-Shell on your own host rather than with another machine.

UNIXComm

UNIXComm starts up a UNIX process on a Sun Workstation. UNIXComm,m with two functions, provides the user with a stream interface to the SunOS Bourne shell

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 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	SCALEBITMAP
READNUMBER	
FILEBROWSER	Printer drivers, fonts
TABLEBROWSER	TEDIT, SEDIT, DEDIT
FONTSAMPLE	FONTSHEETx.IP
FX-80DRIVER	DLRS232C or DLTTY
GRAPHZOOM	
GRAPHER	
HRULE	IMAGEOBJ
	EDITBITMAP
	TEDIT
KERMIT	CHAT
	RS232 or TCP protocols
KERMITMENU	
KERMIT	
KEYBOARDEDITOR	
VIRTUALKEYBOARDS	
see below	
MASTERSCOPE	BROWSER, DATABASEFNS, a Lisp editor
MSPARSE	
MSANALYZE	
MSCOMMON	
MS-PACKAGE	
MINISERVE	NS or PUP or XNS
NSMAINTAIN	
DES	
PRESS	FONT.WIDTHS

PUPPRINT

RS232

KERMIT

RS232 port :

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

MASTERSCOPE

EXPORTS.ALL

CMLARRAY-SUPPORT

TCP-IP

TCP

TCPOLLIP see below

TCPCHAT

TCP see above

CHAT see above

TCPCONFIG

TCPDEBUG

TCP see above

TCPFTP

TCPNAMES

TCP see above

TCPFTPSRV

TCPFTP see below

TCPHTE

TCPOLLAR

TCPLLCMP
 TCPLLIP
 TCPHTE
 TCPLLCMP
 TCPLLAR
 TCPNAMES
 TCPTFTP
 TCPUDP see below
 TCPUDP
 TCPLLIP see above

TELERAID
 REMOTEVMEM
 READSYS
 RDSYS
 VMEM

TEEXEC

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 ^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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