

INDEX

A

Abort (Editor Command) B-7
ACCESS 3-38
Add-Command (Function) B-14
add.process (Function) 4-12; 7-12
ADDMENU (Function) 4-24
ADDTOSCRATCHLIST (Function) 4-1
ADVICE (File Manager Command) 3-15
ADVINFOLST (Variable) 3-14
ADVISE (File Manager Command) 3-15
ADVISE (Function) 3-13,15
ADVISEDFNS (Variable) 3-14
ADVISEDUMP (Function) 3-14
Advising 3-14; 7-9
AFTERDOMAKESYS 4-7
AFTERDOSAVEVM 4-7
AFTERDOSYSOUT 4-7
AFTERLOGOUT 4-7
AFTERLOGOUTFORMS 4-7
AFTERMAKESYS 4-7
AFTERSAVEVM 4-7
AFTERSYSOUT 4-7
AGAIN (Editor Command) B-8
ALL (Event Address) A-5
ALLOWED-LOGINS 4-6
append (Function)
 with non-list argument 7-8
Application Menus D-1
APPLY-format input A-3
ARCHIVEFLG (Variable) 3-9
ARCHIVEFN (Variable) 3-9
Arglist (Editor Command) B-9
AROUNDEXITFNS (Variable) 4-7
array reference 7-4
arrays 3-3
ASKUSER (Function) 4-16
assert (Macro) E-10
Attach Menu (Editor Command) B-11
Attached Windows 4-28
AUTHENTICATE 4-6
AUTHENTICATION.NET.HINT (Variable) 4-33
AUTOHARDRESETFLG 4-5

B

back-quote facility 3-49
BACKGROUND (FreeMenu Group Property) D-8
BACKGROUND (FreeMenu Item Property) D-10
BACKGROUNDDFNS (Variable) 4-12
BACKSPACE (Editing Command) A-21
BCOMPL (Function) 3-22,25; 4-10
BEEPON (Function) 4-31
BEFORELOGOUT 4-7
BEFOREMAKESYS 4-7
BEFORESAVEVM 4-7
BEFORESYSOUT 4-7
BEFORESYSOUTFORMS 4-7
BITMAP (FreeMenu System Property) D-10
BKSYSBUF (Function) 4-30
BKSYSCHARCODE (Function) 4-30
BLOCKRECORD (Record Type) 4-3

BOUNDP (Function) 3-2
BOX (FreeMenu Group Property) D-5,8
BOX (FreeMenu Item Property) D-10
BOXSHADE (FreeMenu Group Property) D-8
BOXSHADE (FreeMenu Item Property) D-10
BOXSPACE (FreeMenu Group Property) D-8
BOXSPACE (FreeMenu Item Property) D-10
break (Function) 3-13; E-13
break commands 3-13
Break packages 3-9
BREAK0 (Function) 3-13
BREAK1 (Function) 3-9
BREAKCONNECTION (Function) 4-14
BREAKIN (Function) 3-13
breaking 7-9
BREAKREGIONSPEC (Variable) 4-8
BRECOMPILE (Function) 3-22,25
BRKINFOLST (Variable) 3-13
BROKENFNS (Variable) 3-13
bulk data transfer 4-34

C

Catch errors 3-10
ccase (Macro) E-10
cerror (Function) E-9
Change Print Base (Editor Command) B-11
CHANGEBACKGROUND (Function) 4-31
CHANGEFONT (Function) 4-23
CHANGESLICE (Function) A-11,17
CHANGESTATE (FreeMenu Item Property) D-11
changing a standard readtable 3-22
characters 3-3
CHARCODE (Function) 3-3
CHCON (Function) 3-42
check-type (Macro) E-10
CL Exec 3-7
CL:* (Variable) A-10
CL:** (Variable) A-10
CL:*** (Variable) A-10
CL:+ (Variable) A-10
CL:++ (Variable) A-10
CL:+++ (Variable) A-10
CL:- (Variable) A-10
CL:/ (Variable) A-10
CL:// (Variable) A-10
CL:/// (Variable) A-10
CL:BREAK (Function) 3-13
CL:CATCH (Function) 3-5
CL:CODE-CHAR (Function) 3
CL:COMPILE-FILE (Function) 3-24-25; 4-10
CL:DEFCONSTANT (Variable) 3-20
CL:DEFINE-MODIFY-MACRO (Function) 3-20
CL:DEFMACRO (Function) 3-20
CL:DEFMACRO (Macro) 3-29
CL:DEFPARAMETER (Macro) 3-26,29
CL:DEFPARAMETER (Variable) 3-20
CL:DEFUN (Function) 3-20
CL:DEFUN (Macro) 3-29
CL:DEFVAR (Macro) 3-29
CL:DEFVAR (Variable) 3-20

CL:ERROR 3-10
CL:EVAL-WHEN (*File Package Command*) 3-31
CL:GENSYM (*Function*) 3-2
CL:LOAD (*Function*) 3-24
CL:MAKE-HASH-TABLE (*Function*) 3-4
CL:MAPHASH (*Function*) 3-4
CL:PRIN1 (*Function*) 3-41-42
CL:PRINC (*Function*) 3-41
CL:READ (*Function*) 3-40
CL:READ-PRESERVING-WHITESPACE (*Function*) 3-41
CL:THROW (*Function*) 3-5,11
CL:UNWIND-PROTECT 3-6
CL:UNWIND-PROTECT (*Function*) 3-11
CL:WITH-INPUT-FROM-STRING 3-37
CL:WRITE (*Function*) 3-41
CLEANUP (*Function*) 3-25
cleanup forms 3-6
CLEARCLISPARRAY (*Function*) 4-10
CLEARSTK (*Function*) 4-5
CLEARSTKLST (*Variable*) 4-5
CLISP infix forms 3-33
CLISPARRAY 4-2
CLOSEALL (*Function*) 3-38
closure 7-8
coerce (*Function*) 7-12
COERCE-TO-NSADDRESS (*Function*) 4-33
collect (*Macro*) 7-6
collecting objects
 macros for 7-6
COLLECTION (*FreeMenu Item Property*) D-12
COLLECTION property 4-26
COLUMN (*FreeMenu Group Property*) D-7
COLUMNSPACE (*FreeMenu Group Property*) D-7
Comment Out Selection (*Editor Command*) B-9
comment treated as declaration 3-32
Comments
 in SEdit B-6
Common Lisp strings 3-3
Common Lisp Symbols 3-1
COMMONNUMSYNTAX 3-44
compile-definer (*Definer*) 7-2
compile-form (*Definer*) 7-2
compiler
 behavior with FLEd lexical functions 7-12
 behavior with recursion 7-12
 ignoring TEdit formatting 7-12
 retaining special arguments 7-12
complex numbers 3-4
coms 7-11
condition E-3
conditions:*break-on-signals* (*Variable*) E-9
conditions:abort (*Function*) E-21
conditions:compute-restarts (*Function*) E-18
conditions:continue (*Function*) E-21
conditions:define-condition (*Macro*) E-5
conditions:find-restart (*Function*) E-19
conditions:handler-bind (*Macro*) E-4,11
conditions:handler-case (*Macro*) E-11
conditions:ignore-errors (*Macro*) E-12
conditions:invoke-debugger (*Function*) E-13
conditions:invoke-restart (*Function*) E-5,20
conditions:invoke-restart-interactively (*Function*) E-20
conditions:make-condition (*Function*) E-6,8
conditions:muffle-warning (*Function*) E-22
conditions:restart-bind (*Macro*) E-17
conditions:restart-case (*Function*) E-5

conditions:restart-case (*Macro*) E-13
conditions:restart-name (*Function*) E-19
conditions:signal (*Function*) E-8
conditions:store-value (*Function*) E-22
conditions:use-value (*Function*) E-22
conditions:with-simple-restart (*Macro*) E-20
CONN (*Exec Command*) A-7
CONTROL-A (*Editing Command*) A-21
Control-C (*Editor Command*) B-7
Control-L (*Editor Command*) B-7
Control-Meta-; (*Editor Command*) B-9
Control-Meta-F (*Editor Command*) B-8
Control-Meta-O (*Editor Command*) B-7
Control-P 4-29
CONTROL-Q (*Editing Command*) A-21
CONTROL-R (*Editing Command*) A-21
Control-T 4-29
CONTROL-W (*Editing Command*) A-21
Control-W (*Editor Command*) B-7
CONTROL-X (*Editing Command*) A-21
Control-X (*Editor Command*) B-7
Convert Comments (*Editor Command*) B-9
Convert-Upgrade (*Variable*) B-14
converting characters 3-3
Converting old code
 for use with new Error system E-1
COORDINATES (*FreeMenu Group Property*) D-7
COPY (*Function*) 3-49
COPYBYTES (*Function*) 4-16
COPYDEF (*Function*) 4-4
COPYFILE (*Function*) 3-38
COPYREADTABLE (*Function*) 3-46
COS (*Function*) 4-3
COURIER.CALL (*Function*) 4-34
COURIER.OPEN (*Function*) 4-34
Creating an Exec process A-18
Creating conditions E-4
Creating icons
 with ICONW C-1
CTRLUFLG 4-18
ctypecase (*Macro*) E-10
CUHOTSPOTX 4-30
CUHOTSPOTY 4-30
CUIMAGE 4-30
current package 3-45
CURSOR 4-30
Cursor Movement Commands A-22
CURSORBITMAP 4-30
CURSORCREATE (*Function*) 4-30
CURSORHOTSPOTX 4-30
CURSORHOTSPOTY 4-30

D

DA (*Exec Command*) A-7
DAUGHTERS (*FreeMenu Group Property*) D-8
DC (*Function*) 3-18
Declining by Condition handler E-4
DEdit 3-15
Default handlers 3-10
Default-Commands (*Function*) B-15
DEFAULT.OSTYPE (*Variable*) 4-15
DEFAULTFONT (*Variable*) D-7
DEFAULTICONFN (*Variable*) 4-25
DEFAULTTEXTICON (*Variable*) C-3
deferredconstant (*Function*) 7-12
define-file-environment (*Definer*) 7-2
define-record (*Definer*) 7-3
Defining New Terms A-11

DEFMACRO (Macro) 3-5
defstruct (Macro) 7-4
 warning 7-6
DELDEF (Function) 3-28
Delete Selection (Editor Command) B-7
Delete Structure (Editor Command) B-8
Delete Word (Editor Command) B-7
DELFILE (Function) 3-38
DESELECT (FreeMenu Item Property) D-12
DF (Function) 3-18
DFASL files 2-1
DFNFLG (Variable) 3-27
DIR (Exec Command) A-7
DISPLAY (FreeMenu Item) D-6-7,14
 Display icons C-1
 DISPLAY item 4-26
DISPLAYFONTDIRECTORIES (Variable) 4-23
DMACRO (Property) 3-5
 DMACROs 2-1
DO-EVENTS (Exec Command) A-8
DOCOLLECT (Function) 4-1
DOSHAPFN (Window Property) 4-25
DOWNFN (FreeMenu Mouse Property) D-10
DP (Function) 3-18
DRAWARC (Function) 4-19
DRAWLINE (Function) 4-19
DRAWPOLYGON (Function) 4-20
DSPCLEOL (Function) 4-18
DSPFONT 4-16
DSPRUBOUTCHAR (Function) 4-18
DSPSCALE 4-19
 dummy definitions 3-17
DV (Function) 3-18
DWIMIFYCOMPFLG (Variable) 3-34

E

ecase (Macro) E-10
ECHOCHAR (FreeMenu Item Property) D-13
ED (Function) 3-16
Edit (Editor Command) B-9
EDIT (FreeMenu Item) 4-27; D-13
 Edit caret in SEdit B-2
 Edit Interface 3-18
EDITBM (Function) 4-18
EDITCALLERS (Function) 3-19
 Editing Exec Input A-20
 Editing Lisp Code in Memory B-1
 Editing VALUES 3-18
EDITMODE (Function) 3-16
EDITSTART (FreeMenu Item) 4-27; D-14
END-OF-FILE (Error Type) 3-12
ENDCOLLECT (Function) 4-1
 Ending an SEdit session B-2
ENDOFSTREAMOP 3-38
ENVAPPLY 3-6
ENVEVAL 3-6
EQUAL (Function) 3-26
EQUALALL (Function) 4-3
ERROR (Function) 3-10
error (Function) E-9
 Error conditions 3-10
 error system 3-10
 Error system
 differences between old and new E-1
 Error system proposal E-1
 Error type mapping 3-11
 Error type name 3-11
 Error type number 3-11

ERROR! (Function) 3-10
ERRORMESS (Function) 3-10
ERRORMESS1 (Function) 3-10
ERRORN (Function) 2-2; 3-10
 Errors
 definition of E-3
ERRORSET 3-10
ERRORSTRING (Function) 3-10
ERRORTYPELIST 3-10
ERRORTYPELIST (Variable) 2-2
ERSETQ (Function) 3-10; 4-8
ERXM 3-10
ESCAPE (Editing Command) A-21
 Escape
 in SEdit B-6
 Establishing handlers within dynamic context E-4
etypecase (Macro) E-10
Eval (Editor Command) B-9
 EVAL-format input A-2
 Exec Editing Commands A-22
 Exec type A-4
EXEC-EVAL (Function) 3-9
EXPAND (Editor Command) B-9
EXPANDBITMAP (Function) 4-18
EXPANDMACRO (Function) 3-5
EXPANDREGIONFN (Window Property) 4-24
EXPLICIT (FreeMenu Group Property) D-7
export (Function) 7-9
Extract (Editor Command) B-9

F

F (Event Address) A-5
 features
 new Common Lisp 7-1
FETCH 3-33
 File Manager 3-19
 file-reading functions 3-20
FILEPKGCOM (Function) 4-9
FILEPKGTYPE (Function) 4-9
FILEPKGYPES (Variable) 3-16
FILEPOS (Function) 4-16
FILERDTBL 3-22
 files containing bitmaps 3-31
FILES? (Function) 3-28
FILETYPE (Property) 3-25
FILLPOLYGON (Function) 4-19-20
FIND (Editor Command) B-8
Find Gap (Editor Command) B-8
FIND-READTABLE (Function) 3-45
FINDCALLERS (Function) 3-19
FIX (Exec Command) A-8
FIXP (Predicate) 3-4
flet (Special form) 7-4
 floating point 3-4
FLOATP (Predicate) 3-4
FM.BACKGROUND (FreeMenu Window Property) D-15
FM.CHANGELABEL (FreeMenu Function) D-16
FM.CHANGELABEL (Function) 4-27-28
FM.CHANGESTATE (FreeMenu Function) D-16
FM.CHANGESTATE (Function) 4-28
FM.DONTRESHAPE (FreeMenu Window Property) D-15
FM.EDITITEM (FreeMenu Function) D-17
FM.EDITP (FreeMenu Function) D-17
FM.ENEDIT (FreeMenu Function) D-17
FM.FIXSHAPE (Function) 4-28
FM.FORMATMENU (Function) 4-26-27

FM.GETITEM (Function) 4-27
FM.GETITEM (FreeMenu Function) D-15
FM.GETSTATE (FreeMenu Function) D-16
FM.GETSTATE (Function) 4-27
FM.GROUPPROP (FreeMenu Macro) D-7,18
FM.HIGHLIGHTITEM (FreeMenu Function) D-17
FM.HIGHLIGHTITEM (Function) 4-28
FM.ITEMFROMID (Function) 4-27
FM.ITEMPROP (FreeMenu Macro) D-18
FM.MAKEMENU (Function) 4-26-27
FM.MENUPROP (FreeMenu Macro) D-7,19
FM.NWAYPROP (FreeMenu Macro) D-19
FM.NWAYPROPS (Macro) 4-27
FM.PROMPTWINDOW (FreeMenu Window Property) D-15
FM.READSTATE (Function) 4-27
FM.REDISPLAYITEM (FreeMenu Function) D-18
FM.REDISPLAYMENU (FreeMenu Function) D-18
FM.RESETGROUPS (FreeMenu Function) D-17
FM.RESETMENU (FreeMenu Function) D-17
FM.RESETSHAPE (FreeMenu Function) D-17
FM.RESETSHAPE (Function) 4-28
FM.RESETSTATE (FreeMenu Function) D-17
FM.SHADE (FreeMenu Function) D-18
FM.SHADE (Function) 4-28
FM.SHADEITEM (Function) 4-28
FM.SHADEITEMBM (Function) 4-28
FM.SKIPNEXT (FreeMenu Function) D-17
FM.TOPGROUPID (FreeMenu Function) D-18
FM.WHICHITEM (FreeMenu Function) D-18
FONT (FreeMenu Group Property) D-7
FONT (FreeMenu Item Property) D-9
font descriptor 4-22
FONTCHANGEFLG (Variable) 4-23
FONTCREATE (Function) 4-22
FONTSAVAILABLE 4-21
FOR 3-33
FOR (Exec Command) A-6
FORGET 4-6
FORGET (Exec Command) A-8
FORMAT (FreeMenu Group Property) D-4,7
Free Menu
 How to make a D-1
Free Menu format D-2
Free Menu layout D-1
FREEMENU (FreeMenu Function) D-15
FREEMENU (Function) 4-26-27
FROM (Event Address) A-5
FULLNAME (Function) 3-37
FUNARG 4-4

G

Gaps
 in SEdit B-4
garbage collector 4-11
gensym (Function) 3-2; 7-12
GET-ENVIRONMENT-AND-FILEMAP (Function) 3-23
Get-Prompt-Window (Function) B-15
Get-Selection (Function) B-16
Get-Window-Region (Function) B-13
GETDEF (Function) 3-28
GETFILEINFO (Function) 3-38; 4-13
GETPROMPTWINDOW (Function) 4-28
GETREADTABLE (Function) 3-39
GETSYNTAX 3-45
global macro shadowing 7-4
GROUP (FreeMenu Group Property) D-7

GROUPID (FreeMenu System Property) D-10

H

handler (Function) E-4
Handling conditions E-3
HARDCOPYW (Function) 4-29
HARDRESET (Function) 4-4
HASDEF (Function) 3-26,28; 4-9
hash arrays 3-4
HASHARRAY 3-4
HASHARRAY (Function) 4-2
HELDFN (FreeMenu Mouse Property) D-10
HELP (Editor Command) B-9
HELP (Function) 3-10
Help Menu Commands B-11
HIGHLIGHT (FreeMenu Item Property) D-9,14
History list A-16
HISTORYSAVEFORMS (Variable) 3-9
HJUSTIFY (FreeMenu Item Property) D-4,9
HORRIBLEVARS 4-9,15
HPRINT (Function) 4-15

I

ICONW (Function) C-1
ICONW windows
 from an image defined by a mask C-1
 with titles C-1
ICONW.SHADE (Function) C-2
ICONW.TITLE (Function) C-2
ID (FreeMenu Group Property) D-7
ID (FreeMenu Item Property) D-9
IDLE-PROFILE 4-6
IDLE-RESETVARS (Variable) 4-6
IDLE-SUSPEND-PROCESS.NAMES (Variable) 4-7
IEEE 802-3 specification 4-34
IF 3-33
IL Exec 3-7
IL:IT (Variable) A-9
IL:LOAD (Function) 3-24
IL:MAPHASH (Function) 3-4
IL:PRIN1 (Function) 3-41
IL:PRIN2 (Function) 3-41
IL:READ (Function) 3-40
ILLEGAL-GO (Error Type) 3-11
ILLEGAL-RETURN (Error Type) 3-11
ILLEGAL-STACK-ARG (Error Type) 3-12
IN (Exec Command) A-6
in-package (Function) 7-8
INFILEP (Function) 3-37
INFINITewidth (FreeMenu Item Property) D-13
INITSTATE (FreeMenu Item Prop) 4-26
INITSTATE (FreeMenu Item Property) D-9,12
INPUT (Function) 3-37
INPUTFONT (Variable) A-10
Inspect (Editor Command) B-10
INTEGERLENGTH (Function) 4-3
integers 3-4
Interlisp Compiler 3-31
INTERLISP-ERROR (Error Type) 3-12
INTERPRESSFONTDIRECTORIES (Variable) 4-22
INTERRUPTCHAR (Function) 4-29
INVALID-ARGUMENT-LIST (Error Type) 3-12
ITEMS (FreeMenu Group Property) D-8

J

Join (Editor Command) B-10

K**Keep-Window-Region** (*Variable*) B-13**KEYACTION** (*Function*) 4-31**KEYDOWNP** (*Function*) 4-31**L****LABEL** (*FreeMenu Item Property*) D-9

LABELS construct

warning 7-10

LASTC (*Function*) 4-15

Layout

of Free Menu D-1

LCOM files 2-1

ldflg 7-11

LEFT (*FreeMenu Group Property*) D-7**LEFT and BOTTOM** (*FreeMenu Item Property*) D-9

Left mouse button

in SEdit B-3

lexical bindings 3-33

Library modules

summary of changes 5-1

LIMITCHARS (*FreeMenu Item Property*) D-3,13**LINKS** (*FreeMenu Item Property*) D-10,15

LISP 3-47

Lisp structures

SEdit gaps for B-4

LISPSOURCEFILEP (*Function*) 4-10**LISPXEVAL** (*Function*) 3-9**LISPFNS** (*Variable*) A-15**LISPXHISTORY** (*Variable*) A-16**LISPXHISTORYMACROS** (*Variable*) 3-9

LISPMACROS 3-8

LISPMACROS (*Variable*) 3-9**LISPXREADFN** (*Function*) 4-8**LISPXUNREAD** (*Function*) 3-9**LISPXUSERFN** (*Variable*) 3-9**LIST** (*Function*) 3-49

Lists

in SEdit B-5

LOAD (*Function*) 3-20loadflg (*Argument*) 7-11

load-time expression 7-4

LOADCOMP (*Function*) 3-25**LOADFNS** (*Function*) 3-20,25**LOADFROM** (*Function*) 3-25

loading compiled files 3-32

loading Medley files into Lyric 4-10

LOADVARS (*Function*) 3-25

Locally defined handler E-4

LOCALVARS 3-2

LOGIN.TIMEOUT 4-6

LOGOUT (*Function*) 4-7**long-site-name** (*Variable*) 7-3**M****MACHINETYPE** (*Function*) 4-7**MAKE-READER-ENVIRONMENT** (*Function*) 3-23**MAKEFILE** (*Function*) 3-20,25,43,49**MAKEFILE-ENVIRONMENT** (*Property*) 3-21**MAKESYS** (*Function*) 4-7

MAKETITLEBARICON 4-25

map (*Function*) 7-11**MAPATOMS** (*Function*) 3-2-3**MAX** (*Function*) 4-2**MAX.INTEGER** (*Variable*) 4-2**MAXHEIGHT** (*FreeMenu Item Property*) D-9**MAXREGION** (*FreeMenu System Property*) D-11**MAXWIDTH** (*FreeMenu Item Property*) D-7,9,13

Medley

on Sun workstations 1-1

on Xerox workstations 1-1

Medley compiled files 2-1

Medley enhancements

summary 1-1

MENU (*FreeMenu Group Property*) D-7**MENUFONT** (*FreeMenu Item Property*) D-12**MENUITEMS** (*FreeMenu Item Property*) D-6,12**MENUTITLE** (*FreeMenu Item Property*) D-12**MESSAGE** (*FreeMenu Item Property*) D-9**Meta- (** (*Editor Command*) B-10**Meta-)** (*Editor Command*) B-10**Meta- /** (*Editor Command*) B-9**Meta-9** (*Editor Command*) B-10**Meta-;** (*Editor Command*) B-9**Meta-A** (*Editor Command*) B-7**Meta-B** (*Editor Command*) B-11**Meta-Control-C** (*Editor Command*) B-7**Meta-Control-S** (*Editor Command*) B-8**Meta-Control-X** (*Editor Command*) B-7**Meta-E** (*Editor Command*) B-9**Meta-F** (*Editor Command*) B-8**Meta-H** (*Editor Command*) B-9**Meta-I** (*Editor Command*) B-10**Meta-J** (*Editor Command*) B-10**Meta-M** (*Editor Command*) B-11**Meta-N** (*Editor Command*) B-8**Meta-O** (*Editor Command*) B-9**Meta-P** (*Editor Command*) B-11**Meta-R** (*Editor Command*) B-8**Meta-Return** (*Editor Command*) B-10**Meta-S** (*Editor Command*) B-8**Meta-Space** (*Editor Command*) B-10**Meta-U** (*Editor Command*) B-7**Meta-X** (*Editor Command*) B-9**Meta-Z** (*Editor Command*) B-10

Middle mouse button

in SEdit B-3

MIN (*Function*) 4-2**MIN.INTEGER** (*Variable*) 4-2

minimum window size 4-24

MKSTRING (*Function*) 3-42**MOMENTARY** (*FreeMenu Item*) D-11**MOTHER** (*FreeMenu Group Property*) D-8

Mouse buttons

in SEdit B-3

MOVD (*Function*) 4-4**MOVEDFN** (*FreeMenu Mouse Property*) D-10

multiple escape character 3-42

Multiple Execs A-4

multiple streams 3-37

MULTIPLE-ESCAPE 3-45

Mutate (*Editor Command*) B-10**N****NAME** (*Exec Command*) A-8**NCHARS** (*Function*) 3-42

NCHOOSE item 4-26

NDIR (*Exec Command*) A-8

Nesting Free Menu Groups D-2

NETWORKOSTYPES (*Variable*) 4-15**NEW** (*MAKEFILE Option*) 3-21

NLAMBDA 3-5

NLSETQ (*Function*) 3-10; 4-8

NOBIND 3-2

NOCLEARSTKLST (*Variable*) 4-5

NODIRCORE (*File Device*) 4-13
Normalize Selection (*Editor Command*) B-10
notational conventions 18
NSADDRESS 4-32
NSNAME 4-32
NSNET.DISTANCE (*Function*) 4-35
NUMBER (*FreeMenu Item*) D-14
NUMBERP (*Predicate*) 3-4
NUMBERTYPE (*FreeMenu Item Property*) D-14
NWAY (*FreeMenu Item*) 4-26; D-6; 12
NWAYPROPS (*FreeMenu Item Prop*) 4-27
NWAYPROPS (*FreeMenu Item Property*) D-6,12

O

OLD-INTERLISP-FILE 3-47
OLD-INTERLISP-T 3-48
once-only (*Macro*) 7-7
OPENFILE (*Function*) 3-37
OPENFN (*Window Property*) 4-25
OPENP (*Function*) 3-38
OPENSTREAM (*Function*) 3-11,37
OPENSTRINGSTREAM (*Function*) 3-37; 4-16
options E-5
ORIG 3-46
OUTPUT (*Function*) 3-37

P

package delimiter 2-2
PACKAGEDELIM 3-47
packages 3-19
PARSE-NSADDRESS (*Function*) 4-33
PAT (*Event Address*) A-5
pattern matching 3-6
PEEK (*Function*) 4-15
pkg-goto (*Function*) 7-8
PL (*Exec Command*) A-8
PLVLFILEFLG 3-42
PP (*Exec Command*) A-9
PRETTYDEF (*Function*) 4-9
PRIN1 4-30
PRIN2 4-30
PRINT (*Function*) 3-20,48
PRINTLEVEL 4-29
PRINTNUM (*Function*) 4-15
PRINTOUT 3-43
PRINTOUTFONT (*Variable*) A-11
PRINTSERVICE (*Variable*) 4-19
process status window 4-12
PROCESS.APPLY (*Function*) 4-12
PROCESS.EVAL (*Function*) 4-12
Programmer's interface
 to SEdit B-12
PROMPT#FLG (*Variable*) 3-9
PROMPTFONT (*Variable*) A-10
PROMPTCHARFORMS (*Variable*) 3-9
PROTECTION 4-13
PRXFLG 3-42
PUTDEF (*Function*) 3-28

Q

Quote (*Editor Command*) B-10
Quoted structures
 in SEdit B-5

R

RADIX (*Function*) 3-44
ratios 3-4

READ (*Function*) 3-20,48
read-eval-print A-1
read/print consistency 3-44
READBUF (*Variable*) 3-9
READC (*Function*) 3-41
READER 4-13
READER-ENVIRONMENT 3-20
READLINE (*Function*) 4-8
READMACROS 4-16
READSYS (*Function*) 4-35
READTABLEPROP (*Function*) 3-45
READVISE (*Function*) 3-14
REALFRAMEP (*Function*) 4-5
REBREAK (*Function*) 3-14
RECOMPILE (*Function*) 3-22,25
record-create (*Macro*) 7-4
record-fetch (*Macro*) 7-4
record-ffetch (*Macro*) 7-4
Redisplay (*Editor Command*) B-7
Redo (*Editor Command*) B-8
REDO (*Exec Command*) A-6
REGION (*FreeMenu Group Property*) D-8
REGION (*FreeMenu System Property*) D-11
RELDRAWTO (*Function*) 4-19
Release Notes
 organization of 17
REMEMBER (*Exec Command*) A-8
REMPROP (*Function*) 3-2
RENAMEFILE (*Function*) 3-38
REPAINTFN 4-24
REPAINTFN (*Window Property*) 4-25
REPEATUNTIL 4-3
Replace-Selection (*Function*) B-16
Reporting a condition or restart E-5
Reset (*Function*) 3-10; B-14
Reset-Commands (*Function*) B-15
RESETFORM 3-40
RESETFORM 3-39
RESETFORMS (*Variable*) 3-9
RESETLST 3-6
Resetting system state 3-11
RESETVARS 4-6
RESHAPEFN 4-24
Restart type E-5
Restarting computations E-3
Restarting conditions E-5
RETAPPLY 3-6
RETEVAL 3-6
RETFROM 3-6
RETFROM (*Function*) 3-11
RETRY (*Exec Command*) A-6
RETTO 3-6
RETURN 3-13; 4-5
Reverse Find (*Editor Command*) B-8
Right mouse button
 in SEdit B-3
ROTATE-BITMAP (*Function*) 4-18
ROW (*FreeMenu Group Property*) D-7
row-major-aref (*Function*) 7-4
ROWSPACE (*FreeMenu Group Property*) D-7
RS232 or TTY ports 3-38

S

Save-Window-Region (*Function*) B-13
SAVEVM (*Function*) 4-7
SCRATCHLIST 4-1
SEdit 3-15
SEdit (*Function*) B-16

SEdit Command Menu B-12
SEE (Exec Command) A-9
SEE* (Exec Command) A-9
SELECTEDFN (FreeMenu Mouse Property) D-10
Set Package (Editor Command) B-11
SETERRORN (Function) 3-10
SETFILEINFO (Function) 3-38; 4-13
SETREADTABLE (Function) 3-48
SETSTKARGNAME (Function) 4-5
SETSYNTAX 3-45,49
SHAPEW (Function) 4-24
SHH (Exec Command) A-8
SHIFT-FIND (Editor Command) B-8
short-site-name (Variable) 7-3
SHOULDCOMPILEMACROATOMS (Variable) 4-4
SHOULDN (Function) 3-10
SHOWPARENFLG (Variable) A-25
SHRINKBITMAP (Function) 4-18
SHRINKFN (Window Property) 4-24
 SIDE effects of event A-18
 Signalling conditions E-3
SIN (Function) 4-3
 Sketch
 summary of changes 6-10
SKIP-NEXT (Editor Command) B-8
SKREAD (Function) 3-41
SORT (Function) 4-1
 Special characters
 in SEdit B-5
 Specifying event addresses A-4
 Specifying Free Menu Items D-2
 stack manipulations 3-5
STACK OVERFLOW (Error Type) 4-4
 Stack pointers 3-5
STACK-OVERFLOW (Error Type) 3-11
STACK-POINTER-RELEASED (Error Type) 3-12
 Starting an SEdit session B-2
STATE 4-26
STATE (FreeMenu Item) D-7,11
STATE (FreeMenu Item Property) D-12
STATE (FreeMenu System Property) D-10
STKARG (Function) 4-5
STKNARGS (Function) 4-5
STKPOS (Function) 4-5
STOP (Function) 4-10
STOP-UNDOABLY (Macro) A-13
 strings 3-3
 in SEdit B-6
STRINGWIDTH (Function) 3-42; 4-22
 Structure caret in SEdit B-2
 Structure editor 3-15
Substitute (Editor Command) B-8
SUCHTHAT (Event Address) A-5
SUSPEND-PROCESS.NAMES 4-7
 Switching between editors 3-16
 Symbols 3-1,6
 in Error system E-1
 symbols in the INTERLISP package 3-20
SYSDOWNFN (FreeMenu System Property) D-11
 sysload 3-24; 7-11
SYSMOVEDFN (FreeMenu System Property) D-11
YSOUT (Function) 4-7
SYSPRETTYFLG (Variable) 3-9
SYSSSELECTEDFN (FreeMenu System Property) D-11

T
TABLE (FreeMenu Group Property) D-7

TCOMPL (Function) 3-22,25; 4-10
 TEdit
 summary of changes 6-1
 TeleRaid Library module 4-35
TEXTICON (Function) 4-25; C-3
TIME (Exec Command) A-9
TIME (Function) 3-36
TIME (Macro) 3-36
TITLE (FreeMenu Item) 4-27
 titled icons 4-25
TILEDICONW (Function) C-1
TOGGLE (FreeMenu Item) D-11
TOO-MANY-ARGUMENTS (Error Type) 3-12
TRACE (Function) 3-13-14
TTYBACKGROUNDFN (Variable) 4-12
TTYDISPLAYSTREAM (Function) 4-25
 TTYIN display typein editor 4-16
 TTYIN Editor from Exec A-20
TY (Exec Command) A-9
TYPE (Exec Command) A-9
TYPE (FreeMenu Item Property) D-9

U
UGLYVARS 3-43; 4-9,15
UNBOUND-VARIABLE (Error Type) 3-12
UNBREAK (Function) 3-14
UNBREAKIN (Function) 3-13
UNDEFINED-CAR-OF-FORM (Error Type) 3-12
UNDEFINED-FUNCTION-IN-APPLY (Error Type) 3-12
UNDO (Editor Command) B-7
UNDO (Exec Command) A-4,8,13
UNDO key (Editing Command) A-21
UNDOABLY-MAKUNBOUND (Function) 3-29
UNDOABLY-SETQ (Function) A-15
 Undoing in Functions A-14
 Undoing In Programs A-13
 Undoing out of order A-16
UNDOSAVE (Function) A-15
UNIXFTPFLG (Variable) 4-14
UNPACKFILENAME (Function) 3-37
UNSAFEMACROATOMS (Variable) 4-4
 UNTIL 4-3
USE (Exec Command) A-6
USERDATA (FreeMenu System Property) D-11
 USERDATA LIST D-14
USEREXEC (Function) 3-9
 USERNAME 4-6
USERWORDS (Variable) A-25
USESILPACKAGE 3-45
 Using Execs 3-7

V
VALUEFONT (Variable) A-11
VARS 4-15
 version delimiter 2-2
VIDEORATE (Function) 4-31
VJUSTIFY (FreeMenu Item Property) D-9

W
warn (Function) E-10
WHENCHANGED 4-9
WINDOWPROP (Function) 4-26
WINDOWPROPS 4-26
with-collection (Macro) 7-6
with-input-from-string (Macro) 7-13
with-output-to-string (Macro) 7-13

WITH-READER-ENVIRONMENT (Macro) 3-23

write-string (Function) 7-12

WRITESTRIKEFONTFILE (Function) 4-22

writing macros

macros for 7-7

Writing your own SEdit commands B-14

X

XCL 3-47

XCL Compiler 3-31

XCL Exec 3-7

XCL readtable 3-21

xcl:*current-condition* (Variable) E-8

XCL:*DEBUGGER-PROMPT* (Variable) A-19

XCL:*EVAL-FUNCTION* (Variable) A-19

XCL:*EXEC-PROMPT* (Variable) A-19

XCL:*PER-EXEC-VARIABLES* (Variable) A-18

XCL:ABORT (Function) 3-10

XCL:ADD-EXEC (Function) A-18

XCL:ARGLIST (Variable) 3-15

XCL:ARRAY-SPACE-FULL (Error Type) 3-12

XCL:ATTEMPT-TO-CHANGE-CONSTANT (Error Type) 3-11-12

XCL:ATTEMPT-TO-RPLAC-NIL (Error Type) 3-11

XCL:CATCH-ABORT 3-10

xcl:catch-abort (Macro) E-21

XCL:CONDITION 3-10

xcl:condition-case (Macro) E-11

xcl:condition-handler (Macro) E-8

xcl:condition-reporter (Macro) E-7

XCL:CONTROL-E-INTERRUPT (Error Type) 3-12

XCL:DATA-TYPES-EXHAUSTED (Error Type) 3-12

XCL:DEF-DEFINE-TYPE (Macro) 3-27-28

XCL:DEFCOMMAND 3-8

XCL:DEFCOMMAND (Macro) A-11

XCL:DEFDEFINER (Function) 3-20

XCL:DEFDEFINER (Macro) 3-29

XCL:DEFGLOBALPARAMETER (Variable) 3-20

XCL:DEFGLOBALVAR (Variable) 3-20

XCL:DEFINE-PROCEED-FUNCTION (Function) 3-20

XCL:DEFININE (Function) 3-20

XCL:DEFOPTIMIZER 3-32

XCL:DEFOPTIMIZER (Macro) 3-5

XCL:EXEC (Function) A-18

XCL:EXEC-EVAL (Function) A-19

XCL:EXEC-FORMAT (Function) A-19

XCL:FILE-NOT-FOUND (Error Type) 3-12

XCL:FILE-WONT-OPEN (Error Type) 3-11

XCL:FLOATING-OVERFLOW (Error Type) 3-12

XCL:FLOATING-UNDERFLOW (Error Type) 3-12

XCL:FS-PROTECTION-VIOLATION (Error Type) 3-12

XCL:FS-RESOURCES-EXCEEDED (Error Type) 3-12

XCL:HASH-TABLE-FULL (Error Type) 3-12

XCL:INVALID-PATHNAME (Error Type) 3-12

XCL:SET-DEFAULT-EXEC-TYPE (Function) A-20

XCL:SET-EXEC-TYPE (Function) A-20

XCL:SIMPLE-DEVICE-ERROR (Error Type) 3-11

XCL:SIMPLE-TYPE-ERROR (Error Type) 3-11

XCL:STORAGE-EXHAUSTED (Error Type) 3-12

XCL:STREAM-NOT-OPEN (Error Type) 3-11

XCL:SYMBOL-HT-FULL (Error Type) 3-11

XCL:SYMBOL-NAME-TOO-LONG (Error Type) 3-11

XCL:UNDOABLY (Macro) A-13

XCL:UNDOABLY-SETF (Macro) A-15

1

10MB Ethernet encapsulation types 4-34

1108 User's Guide

summary of changes 6-14

1186 User's Guide

summary of changes 6-16

3

3STATE (FreeMenu Item) 4-26; D-11

\

\#UNDOSAVES (Variable) A-15

\10MBTYPE-3TO10 (Variable) 4-34

\10MBTYPE-PUP (Variable) 4-34

~

~C (Format directive) 7-13

!

!EVAL 2-2

*

break-on-warnings (Variable) E-10

Clear-Linear-On-Completion (Variable) B-14

Compile-Fn (Variable) B-16

COMPILED-EXTENSIONS (Variable) 3-25

DEFAULT-CLEANUP-COMPILER (Variable) 3-25

DEFAULT-MAKEFILE-ENVIRONMENT (Variable) 3-21

Edit-Fn (Variable) B-16

ERROR-OUTPUT (Variable) 3-10

Fetch-Definition-Error-Break-Flag (Variable) B-16

Getdef-Error-Fn (Variable) B-16

Getdef-Fn (Variable) B-16

LAST-CONDITION (Variable) 3-10

LISPXPRT (Property) A-18

NSADDRESS-FORMAT (Variable) 4-32

PACKAGE (Variable) 3-20,45-46; A-1

PRINT-ARRAY (Variable) 3-43

PRINT-BASE (Variable) 3-39,42,44

PRINT-BASE vs RADIX 3-39

PRINT-CASE (Variable) 3-44

PRINT-ESCAPE (Variable) 3-41,44

PRINT-LENGTH (Variable) 4-22

PRINT-LEVEL (Variable) 4-22

PRINT-LEVEL & ***PRINT-LENGTH*** vs PRINTLEVEL 3-39

PRINT-LEVEL or ***PRINT-LENGTH*** is exceeded 3-45

PRINT-RADIX (Variable) 3-39,44

READ-BASE (Variable) 3-20,44

READ-SUPPRESS (Variable) 3-41

READTABLE (Variable) 3-39,41-42,48

READTABLE vs SETREADTABLE 3-39

REMOVE-INTERLISP-COMMENTS (Variable) 3-29-30

STANDARD-INPUT (Variable) 3-37

STANDARD-INPUT vs INPUT 3-39

STANDARD-OUTPUT (Variable) 3-37

STANDARD-OUTPUT vs OUTPUT 3-39

Wrap-Parens (Variable) B-13

Wrap-Search (Variable) B-14

:
:**fast-accessors** (*Defstruct option*) 7-5
:**inline** (*Defstruct option*) 7-5
:**template** (*Defstruct option*) 7-5
:**type** (*Defstruct option*) 7-5

=
= (*Event Address*) A-5

?
? (*Exec Command*) A-7
?? (*Exec Command*) A-7
?**ACTIVATEFLG** (*Variable*) A-24