

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
 BACKGROUNDFNS (*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
 BEFORERSAVEVM 4-7
 BEFORERSYSOUT 4-7
 BEFORERSYSOUTFORMS 4-7
 BITMAP (*FreeMenu System Property*) D-10
 BKSYSBUF (*Function*) 4-30
 BKSYSCHARCODE (*Function*) 4-30
 BLOCKRECORD (*Record Type*) 4-3
 BOTTOM (*FreeMenu Group Property*) D-7
 bound E-4

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 readable 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 FLETed 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
DEFAULTOSTYPE (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
DOSHAPEFN (*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
FILEPKGTYPES (*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.ENDEDIT (*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
FONTCREATEFLG (*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
KEYDOWNNP (*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
LISP SOURCEFILEP (*Function*) 4-10
LISPXEVAL (*Function*) 3-9
LISPXFNS (*Variable*) A-15
LISPXHISTORY (*Variable*) A-16
LISPXHISTORYMACROS (*Variable*) 3-9
LISPXMACROS 3-8
LISPXMACROS (*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*) 3-20
 loadflg (*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
MENUEITEMS (*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
NETWORKESTYPES (*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
PLVLFLEFLG 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
PROMTPCHARFORMS (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

- S**
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
SETSNTAX 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
SHOULDNT (*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
SYSOUT (*Function*) 4-7
SYSPRETTYFLG (*Variable*) 3-9
SYSSELECTEDFN (*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
TITLEICONW (*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 readable 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:DEFINLINE (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
 LISPXPRINT (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

