

INDEX

- (A E₁ E_M) (*Editor Command*) **17.8,24**
- a-lists (in EVALA) 5.12
- A000n (*gensym*) 2.11
- ABBREVLST (*Variable*) **6.53**
- (ABS x) **2.45**
- AC (*in an ASSEMBLE statement*) 22.19
- AC1 **22.19**; 22.12,14
- access chain 7.2
- ACCESSFNS (*Record Type*) **3.8**
- active frame 7.2
- (ADD DATUM ITEM₁ ITEM₂)
(*Change Word*) **3.13**
- (ADD.PROCESS FORM PR OP₁ VAL UE₁
PR OP_N VAL UE_N) **18.26**
- (ADD1 x) **2.39**
- (ADDMAPBUFFER TEMP ERR ORFL G)
14.18
- (ADDMENU MENU WINDO W POSITION
_) **19.38**
- (ADDPROP ATM PR OP NEW FLG) **2.7**
- (ADDSPELL x SPLST N) **15.17**; 15.18-19
- ADDSPELLFLG (*Variable*) **15.12**; 11.4;
15.14,18
- (ADDSTATS STAT₁ STAT_N) **8.21**; 18.6
- (ADDTOCOMS COMS NAME TYPE _
_) **11.33**
- (ADDTOFILE NAME TYPE FILE _
_) **11.33**
- (ADDTOFILES? _) **11.8**
- (ADDTOSCRATCHLIST VAL UE) **14.2**
- (ADDTOVAR VAR x₁ x₂ x_N) **11.38**
- (ADDVARS (VAR₁ . LST₁) (VAR_N
. LST_N)) (*File Package Command*)
11.23
- (ADIEU VAL q q) **7.16**
- (ADJUSTCOLORMAP PRIMAR YCOL OR DEL TA
COL ORMAP) **19.46**
- (ADJUSTCURSORPOSITION DEL TAX
DEL TAY) **19.16**
- ADV-PROG (*Function*) 10.8-9
- ADV-RETURN (*Function*) 10.8-9
- ADV-SETQ (*Function*) 10.8-9
- advice **10.8**
- (ADVISE FN₁ FN_N)
(*File Package Command*) **11.24**;
10.11
- ADVISE (*File Package Type*) **11.15**
- ADVISE (*Property Name*) 10.10-11; 11.12
- ADVINFOLST (*Variable*) 10.10
- (ADVISE FN₁ FN_N)
(*File Package Command*) **11.24**;
10.11
- (ADVISE FN WHEN WHERE WHA T)
10.9; 10.8
- ADVISED (*Property Name*) **10.9**; 5.9
- ADVISEDFNS (*Variable*) 10.9-10
- (ADVISEDUMP x FLG) **10.11**
- advising 10.7
- AFTER (*as argument to ADVISE*) **10.9**;
10.8
- AFTER (*as argument to BREAKIN*) **10.5**;
9.2
- After (*DEdit Command*) **20.4**
- AFTER LITATOM (*Prog. Asst. Command*)
8.13; 8.20,27
- AFTER (*in INSERT command*)
(*in Editor*) 17.25
- AFTER (*in MOVE command*) (*in Editor*)
17.29
- AFTEREXIT (*Process Property*) 18.27
- AFTERMOVEFN (*Window Property*) **19.32**
- AFTERSYSOUTFORMS (*Variable*) 6.8; 14.4
- ALAMS (*Variable*) **12.7**
- ALIAS (*Property Name*) **10.4**; 10.6
- ALINK 7.2,6

INDEX

- (ALISTS (VAR₁ KEY₁ KEY₂)
(VAR_N KEY₃ KEY₄))
(File Package Command) **11.23**
- ALISTS (File Package Type) **11.15**
- ALL (in event speci cation) 8.6
- ALL (in le package command PROP)
11.23
- ALL (Litatom) 11.35
- (ALLOCATE.PUP) **21.15**
- (ALLOCATE.XIP) **21.21**
- (ALLOCSTRING N INITCHAR OLD) **2.28**
- (ALLOF TYPE₁ TYPE_N)
(Decl Type Expression) **23.26**
- (ALLOW.BUTTON.EVENTS) **18.36**
- ALLPROP (Litatom) **5.9**; 8.24; 11.4,38
- ALONE (type of read-macro) 6.37
- (ALPHORDER A B) **14.9**
- ALREADY UNDONE (Printed by System)
8.11; 8.34
- ALWAYS FORM (I.S. Operator) **4.6**
- ALWAYS (type of read-macro) 6.37
- AMAC (Property Name) 22.13
- AMBIGUOUS (Printed by DWIM) 15.13
- AMBIGUOUS DATA PATH (Error Message)
3.2
- AMBIGUOUS RECORD FIELD
(Error Message) 3.2
- AMONG (Masterscope Path Option) 13.14
- ANALYZE SET (Masterscope Command)
13.5
- (AND X₁ X₂ X_N) **4.2**
- AND (in event speci cation) 8.7
- AND (in USE command) 8.8
- ANSWER (Variable) 6.62
- (ANTILOG x) **2.46**
- ANY (in Decl package) **23.25**
- (APPEND X₁ X₂ X_N) **2.16**
- (APPLY FN ARGLIST _) **5.12**; 12.14
- (APPLY* FN ARG₁ ARG₂ ARG_N)
5.12; 12.14
- approval (of DWIM corrections) **15.3**;
15.2,18
- APPROVEFLG (Variable) **15.12**; 15.18,20
- (APROPOS STRING ALLFLG) **14.1**
- (ARCCOS X RADIANSFLG) **2.46**
- ARCCOS: ARG NOT IN RANGE
(Error Message) 2.46
- ARCHIVE EventSpec (Prog. Asst. Command)
8.13
- ARCHIVEFLG (Variable) **8.19**
- ARCHIVEFN (Variable) **8.19**; 8.13
- ARCHIVELST (Variable) **8.25**; 8.32
- (ARCSIN X RADIANSFLG) **2.46**
- ARCSIN: ARG NOT IN RANGE
(Error Message) 2.46
- (ARCTAN X RADIANSFLG) **2.46**
- (ARCTAN2 Y X RADIANSFLG) **2.46**
- SET ARE SET (Masterscope Command)
13.5
- (ARG VAR M) **5.4**
- ARG NOT ARRAY (Error Message) **9.24**;
2.33
- ARG NOT HARRAY (Error Message) **9.26**
- ARG NOT LIST (Error Message) **9.22**;
2.15,17,25-26
- ARG NOT LITATOM (Error Message) **9.23**;
2.5-6,8; 4.3; 5.2,8; 6.4; 11.38
- (ARGLIST FN) **5.7**; 9.6; 22.3
- ARGNAMES (Property Name) 5.7
- ARGS (Break Command) **9.6**
- ARGS NOT AVAILABLE (Error Message)
5.7
- (ARGTYPE FN) **5.6**; 22.3

INDEX

- argument list 5.2
- arithmetic functions 2.38
- AROUND (*as argument to ADVISE*) **10.9;**
10.10
- AROUND (*as argument to BREAKIN*)
10.5; 9.2
- (ARRAY N P V) **2.34**
- (ARRAY SIZE TYPE INIT ORIG) **2.32**
- array header (in Interlisp-10 arrays) **2.33**
- array pointers (in Interlisp-10 arrays)
2.33; 2.34
- (ARRAYBEG A) **2.34**
- ARRAYBLOCK (*Record Type*) **3.8**
- (ARRAYORIG A) **2.33-34**
- (ARRAYP X) **2.2,34;** 22.25
- ARRAYRECORD (*Record Type*) **3.6**
- arrays **2.32;** 2.2
- ARRAYS FOULED (*Error Message*) 22.8
- ARRAYS FULL (*Error Message*) **9.24;** 2.34
- (ARRAYSIZE A) **2.33**
- (ARRAYTYP A) **2.33-34**
- AS VAR (*I.S. Operator*) **4.9**
- (ASKUSER WAIT DEFAULT MESS
KEYLST TYPEAHEAD LISPXPRTFL G
OPTIONSLSST FILE) **6.57,64**
- ASKUSERTTBL (*Variable*) 6.59
- ASSEMBLE macros 22.13
- ASSEMBLE statements 22.12
- ASSERT (*in Decl package*) 23.24
- assignments (*in Pattern Match Compiler*)
23.5
- assignments (*in CLISP*) 16.7
- (ASSOC KEY ALST) **2.25**
- association list 7.1
- ASSOCRECORD (*Record Type*) **3.6**
- atom 2.2
- (ATOM X) **2.2**
- atom hash table 22.11
- ATOM HASH TABLE FULL (*Error Message*)
9.23
- ATOM TOO LONG (*Error Message*) **9.23;**
2.4
- ATOMRECORD (*Record Type*) **3.6**
- (ATTACH X L) **2.17**
- ATTEMPT TO BIND NIL OR T
(*Error Message*) **9.25;** 4.3; 5.2
- ATTEMPT TO RPLAC NIL (*Error Message*)
9.23; 2.8,15
- ATTEMPT TO SET NIL (*Error Message*)
9.23; 2.5
- ATTEMPT TO SET T (*Error Message*) 2.5
- ATTEMPT TO USE ITEM OF INCORRECT
TYPE (*Error Message*) **9.24**
- (AU-REVOIR VAL qq) **7.16**
- AUTOBACKTRACEFLG (*Variable*) **20.11**
- AUTOCOMLETEFLG (*ASKUSER option*)
6.63
- AUTOPROCESSFLG (*Variable*) 18.25
- AVOIDING SET (*Masterscope Path Option*)
13.14
- (AWAIT.EVENT EVENT TIMEOUT TIMERP)
18.30
- (B E₁ E_M) (*Editor Command*) **17.8,24**
- back-quote 6.39
- background shade 19.6
- BackgroundMenu (*Variable*) **19.22**
- BackgroundMenuCommands (*Variable*)
19.22
- BACKGROUNDPAGEFREQ (*Variable*) **18.4**
- backspace 6.13,41
- backtrace **9.6;** 7.8,12

INDEX

- (BACKTRACE IPOS EPOS FLAGS FILE
PRINTFN) **7.8**
- backtrace frame window 20.10
- BACKTRACEFONT (Variable) **20.11**
- BAD ARGUMENT - FASSOC
(Error Message) 2.25
- BAD ARGUMENT - FGETD (Error Message)
5.8
- BAD ARGUMENT - FLAST (Error Message)
2.20
- BAD ARGUMENT - FLENGTH
(Error Message) 2.21
- BAD ARGUMENT - FMEMB (Error Message)
2.23
- BAD ARGUMENT - FNTH (Error Message)
2.20
- BAD FILE NAME (Error Message) **9.25**
- BAD FILE PACKAGE COMMAND
(Error Message) 11.22
- BAD PROG BINDING (Error Message)
12.21
- BAD SETQ (Error Message) **12.21**
- BAD SYSOUT FILE (Error Message) **9.24**
- (BAKTRACE IPOS EPOS SKIPFNS FLA GS
FILE) **7.8**
- BAKTRACELST (Variable) **7.9**
- basic frame **7.2**; 7.1,5
- (BCOMPL FILES CFILE _ _) **12.17**;
12.14,16
- BEFORE (as argument to ADVISE) **10.9**;
10.8
- BEFORE (as argument to BREAKIN)
10.5; 9.2
- Before (DEdit Command) **20.4**
- BEFORE LITATOM (Prog. Asst. Command)
8.13; 8.20,27
- BEFORE (in INSERT command)
(in Editor) 17.25
- BEFORE (in MOVE command) (in Editor)
17.29
- BEFORESYSOUTFORMS (Variable) 14.3
- bell (in history event) **8.16**; 8.11,26,32
- bell (Printed by System) 6.19; 22.2,11
- bells (printed by DWIM before an interaction)
15.3
- (BELOW COM) (Editor Command) **17.19**
- (BELOW COM x) (Editor Command) **17.19**
- BETWEEN (record eld type) 3.7
- BF (Editor Command) **17.7**
- BF PATTERN (Editor Command) **17.17**
- (BF PATTERN) (Editor Command) **17.17**
- BF PATTERN T (Editor Command) **17.17**
- BF PATTERN NIL (Editor Command)
17.17
- (BI N) (Editor Command) **17.31**
- (BI N M) (Editor Command) **17.31**
- (BIN STREAM) **18.12**
- (BIND COMS ₁ COMS _N)
(Editor Command) **17.49**
- BIND VAR (I.S. Operator) **4.7**
- BIND VARS (I.S. Operator) **4.7**
- BIND (in Masterscope template) **13.17**
- BIND (Masterscope Relation) **13.9**
- bindings in a basic frame 7.5
- BINDS (Litatom) 16.14
- (BIT BITQ WORD) **23.53**
- bit tables **2.32**
- (BITBLT SOUR CEBITMAP SOUR CELEFT
SOUR CEBOTTOM DESTINA TIONBITMAP
DESTINA TIONLEFT DESTINA TIONBOTTOM
WIDTH HEIGHT SOUR CETYPE
OPERA TION TEXTURE
CLIPPINGREGION) **19.4**
- (BITCLEAR N MASK) **2.41**

INDEX

- (BITMAPBIT BITMAP X Y NEWV ALUE)
19.4
- (BITMAPCOPY BITMAP) **19.4**
- (BITMAPCREATE WIDTH HEIGHT
BITS PERPIXEL) **19.4**
- (BITMAPHEIGHT BITMAP) **19.4**
- bitmaps 19.3
- (BITMAPWIDTH BITMAP) **19.3**
- BITS (*as a eld speci cation*) 3.15
- BITS (*record eld type*) 3.7
- (BITSET N MASK) **2.41**
- (BITS PERPIXEL BITMAP) **19.4**
- (BITTEST N MASK) **2.41**
- BK (*Editor Command*) **17.7**
- (BK N) (*Editor Command*) **17.11**
- (BK LINBUF STR) **6.47**
- (BK SYSBUF X FLG RDTBL) **6.47**; 22.6
- BLACKSHADE (*Variable*) 19.6
- BLINK 7.2
- blip functions 7.12
- blips 7.12
- (BLIPSCAN BLIPTYP IPOS) **7.12**
- (BLIPVAL BLIPTYP IPOS FLG) **7.12**
- BLKAPPLY (*Function*) 12.14
- BLKAPPLY* (*Function*) 12.14
- BLKAPPLYFNS (*in Masterscope Set Speci cation*)
13.11
- BLKAPPLYFNS (*Variable*) **12.14**; 12.15-16
- BLKFNS (*in Masterscope Set Speci cation*)
13.11
- BLKLIBRARY (*Variable*) **12.14**; 12.15
- BLKLIBRARYDEF (*Property Name*) **12.14**;
8.21
- BLKNAME (*Variable*) 12.15
- (BLOCK MSEC SWAIT TIMER) **18.28**
- block compiling 12.13
- block compiling functions 12.16
- block declarations **12.14**; 11.25
- block library 12.14
- (BLOCKCOMPILE BLKNAME BLKFNS
ENTRIES FLG) **12.16**; 12.15
- BLOCKED (*Printed by Editor*) 17.51
- (BLOCKS BLOCK₁ BLOCK_N)
(*File Package Command*) **11.25**;
12.14
- (BO N) (*Editor Command*) **17.31**
- BORDER (*Window Property*) **19.32**
- (BOTH TEMPLA TE₁ TEMPLA TE₂)
(*in Masterscope template*) **13.18**
- BOTTOM (*Argument to ADVISE*) 10.9
- (BOTTOMOFGRIDCOORD GRID Y GRIDSPEC)
19.43
- BOUNDIN (*in Decl package*) 23.23
- (BOUNDP VAR) **2.5**
- (BOUT STREAM BYTE) **18.12**
- (BOXCOUNT TYPE N) **14.14**
- BOXCURSOR (*Variable*) 19.36
- BOXED (*Variable*) 23.50
- boxed numbers 2.37
- boxing **2.36**; 22.3-5
- Boyer-Moore fast string searching algorithm
6.10
- BR (*Exec Command*) **23.59**
- brackets (*use with ftp package*) 23.62
- Break within a break on FN
(*Printed by System*) **9.12**
- Break (*DEdit Command*) **20.6**
- BREAK (*Error Message*) 9.23
- (BREAK x) **10.4**; 9.2; 10.1,5-6
- BREAK (*Litatom*) 9.17
- BREAK (*Syntax Class*) 6.35
- break characters **6.33**; 6.14,46

INDEX

- break commands 9.3,12
- break expression 9.2,8
- BREAK INSERTED AFTER
(Printed by BREAKIN) 10.6
- (BREAK0 FN WHEN COMS - -)
10.3; 10.4-6
- (BREAK1 BRKEXP BRKWHEN BRKFN
BRK COMS BRKTYPE ERR ORN) 9.11;
9.14; 10.1-5; 15.20; 22.1
- BREAKCHAR (Syntax Class) 6.33
- (BREAKCHECK ERR ORPOS ERXN) 9.10;
9.14,16,22
- BREAKCHK (Variable) 9.16
- BREAKCOMSLST (Variable) 9.12
- BREAKCONNECTION (Function) 18.15
- BREAKDELIMITER (Variable) 9.6
- (BREAKDOWN FN₁ FN_N) 14.15
- (BREAKIN FN WHERE WHEN COMS)
10.5; 9.2; 10.1-2,4,6
- breaking CLISP expressions 10.3
- (BREAKLINKS) 23.61
- BREAKMACROS (Variable) 9.12
- (BREAKREAD TYPE) 9.12
- BREAKREGIONSPEC (Variable) 20.11
- BREAKRESETFORMS (Variable) 9.13; 6.39
- (BRECOMPILE FILES CFILE FNS _)
12.17; 11.8; 12.14,16
- BRKCOMS (Variable) 9.12; 9.4-5,11; 10.3
- BRKDWNCOMPFLG (Variable) 14.17
- (BRKDOWNRESULTS RETURNV ALUESFLG)
14.16
- BRKDWNTYPE (Variable) 14.16; 14.17
- BRKDWNTYPES (Variable) 14.16
- BRKEXP (Variable) 9.2; 9.5,7-8,10-12; 10.3
- BRKFILE (Variable) 9.12
- BRKFN (Variable) 9.11; 9.3; 10.3
- BRKINFO (Property Name) 10.3,5-6
- BRKINFOLST (Variable) 10.6-7
- BRKTYPE (Variable) 9.12
- BRKWHEN (Variable) 9.11; 10.3
- BROADSCOPE (Property Name) 16.22
- BROKEN (Property Name) 10.3; 5.9
- BROKEN-IN (Property Name) 10.5;
5.9; 10.6
- BROKENFNS (Variable) 10.3-6; 15.20
- brush 19.14
- BT (Break Command) 9.6
- BT (display break command) 20.10
- BT! (display break command) 20.10
- BTV (Break Command) 9.6
- BTV! (Break Command) 9.6
- BTV* (Break Command) 9.6
- BTV+ (Break Command) 9.6
- BUF (Editor Command) 20.37
- BUILDMAPFLG (Variable) 11.39; 11.4;
12.12
- BURY (Window Menu Command) 19.20
- (BURYW WINDO W) 19.27
- BUTTONEVENTFN (Window Property) 19.30
- BY FORM (with IN/ ON) (I.S. Operator)
4.9
- BY FORM (without IN/ ON) (I.S. Operator)
4.9; 4.8,12
- BY (in REPLACE command) (in Editor)
17.25
- (BYTE SIZE POSITION) (Macro) 2.42
- (BYTEPOSITION BYTESPEC) (Macro)
2.42
- (BYTESIZE BYTESPEC) (Macro) 2.42
- C (in an ASSEMBLE statement) 22.14
- C (MAKEFILE option) 11.7

INDEX

- C...R functions 2.14
- CALL (*in Masterscope template*) **13.17**
- CALL (*Masterscope Relation*) **13.8**
- CALL SOMEHOW (*Masterscope Relation*) **13.8**
- CALL DIRECTLY (*Masterscope Relation*) 13.9
- CALL FOR EFFECT (*Masterscope Relation*) 13.9
- CALL FOR VALUE (*Masterscope Relation*) 13.9
- CALL INDIRECTLY (*Masterscope Relation*) 13.9
- (CALLS FN USED ATABASE _) **13.19**
- (CALLSCCODE FN _) **13.19**
- CAN'T - AT TOP (*Printed by Editor*) **17.10**; 17.3
- CAN'T BE BOTH AN ENTRY AND THE BLOCK NAME (*Error Message*) **12.20**; 12.16
- CAN'T FIND EITHER THE PREVIOUS VERSION ... (*Printed by System*) 11.11
- CAP (*Editor Command*) **17.41**
- (CAR x) **2.14**
- (CARET NEW CARET) **19.15**
- carriage-return 6.13,16; 8.30
- carriage-return (*EDITA command*) **23.49**; 23.48
- (CASEARRAY OLD ARRAY) **6.10**
- CAUTIOUS (*DWIM mode*) **15.3**; 15.2,20; 16.3-4
- CBOX (*Function*) 23.54
- (CCODEP FN) **5.6**; 22.3,25
- (CDR x) **2.14**
- Center (*DEdit Command*) **20.5**
- CENTERFLG (*Menu Field*) **19.40**
- (CENTERPRINTINREGION EXP REGION DISPLAYSTREAM) **19.13**
- CEXP (Litatom) **5.6**
- CEXP* (Litatom) **5.6**; 5.7
- CFEXP (Litatom) **5.6**; 5.7
- CFEXP* (Litatom) **5.6**; 5.7
- CH.DEFAULT.DOMAIN (*Variable*) **21.12**
- CH.DEFAULT.ORGANIZATION (*Variable*) **21.12**
- (CH.DOMAINS DOMAINP ATTERN) **21.13**
- (CH.ENUMERATE OBJECTP ATTERN PROPERTY) **21.13**
- (CH.LOOKUP.USER NAME) **21.13**
- CH.NET.HINT (*Variable*) **21.12**
- (CH.ORGANIZATIONS ORGANIZATIONP ATTERN) **21.12**
- (CHANGE DATUM FORM) (*Change Word*) **3.13**
- (CHANGE @ TO E₁ E_M) (*Editor Command*) **17.25**
- (CHANGEBACKGROUND SHADE) **19.6**
- (CHANGECALLERS OLD NEW TYPES FILES METHOD) **11.18**
- CHANGECHAR (*Variable*) **6.55**; 17.22
- (CHANGECURSORSscreen SCREENBITMAP) **19.49**
- CHANGED (*MARKASCHANGED reason*) 11.11
- CHANGED, BUT NOT UNSAVED (*Printed by Editor*) 17.54
- CHANGEFONT (*font class*) 6.55
- (CHANGEFONT FONTCLASS) **6.57**
- (CHANGENAME FN FROM TO) **10.7**; **17.58**
- CHANGEOFFSETFLG (*Menu Field*) **19.40**
- (CHANGEPROP X PROP1 PROP2) **2.7**
- CHANGESARRAY (*Variable*) 17.22
- (CHANGESLICE N HISTORY _) **8.18**; 8.26

INDEX

- Changetran 3.11
- CHANGEWORD (*Property Name*) 3.14
- changing record declarations 3.11
- (CHARACTER N) **2.12**
- character codes **2.12**
- (CHARCODE C) **2.12**
- CHARDELETE (*syntax class*) 6.41,43
- (CHARWIDTH CHAR CODE FONT) **19.9**
- (CHARWIDTHY CHAR CODE FONT) **19.9**
- CHAT **20.17**
- (CHAT HOST LOGOPTION INITSTREAM
WINDO W _) **20.18**
- CHAT.ALLHOSTS (*Variable*) **20.19**
- CHAT.DISPLAYTYPE (*Variable*) **20.19**
- CHAT.FONT (*Variable*) **20.19**
- (CHCON X FLG RDTBL) **2.12**
- (CHCON1 X) **2.12**
- CHECK SET (*Masterscope Command*) **13.7**
- (CHECKCONNECTION CONNECTION) **23.64**
- (CHECKIMPORTS FILES NO ASKFL G)
11.29
- CHOOZ (*Function*) 15.16
- (CIRCLMAKER LIST) **23.11**
- (CIRCLMAKER1 LIST) **23.11**
- (CIRCLMARK LIST RLKNT) **23.10**
- (CIRCLPRINT LIST PRINTFL G RLKNT)
23.10; 23.9
- cjsys package 23.53
- CL (*Editor Command*) **16.20; 17.43**
- CL:FLG (*Variable*) **16.18**
- (CLDISABLE OP) **16.19; 4.6**
- (CLEANPOSTLST PLST) **7.17**
- (CLEANUP FILE₁ FILE₂ FILE_N) **11.8**
- CLEANUPOPTIONS (*Variable*) **11.8**
- Clear (*DEdit Command*) **20.5**
- CLEAR (*Window Menu Command*) **19.20**
- (CLEARBUF FILE FLG) **6.46; 6.47**
- clearing input bu er 6.19
- clearing output bu er 6.19
- (CLEARMAP FILE PAGES RELEASE) **14.19**
- (CLEARPUP PUP) **21.15**
- (CLEARSTK FLG) **7.7**
- CLEARSTKLST (*Variable*) **7.7**
- (CLEARW WINDO W) **19.27**
- CLINK 7.2,6
- CLISP **16.1; 15.7,9**
- CLISP (*in Masterscope template*) **13.17**
- CLISP (*MARKASCHANGED reason*)
11.12
- CLISP and compiler 12.7,11
- CLISP declarations 16.13
- CLISP interaction with user 16.4
- CLISP internal conventions 16.21
- CLISP operation 16.11
- CLISP words 15.8
- CLISP: (*Editor Command*) **16.20; 16.14**
- CLISPARRAY (*Variable*) **16.19; 16.13,20;**
23.1
- CLISPCHARRAY (*Variable*) **16.19**
- CLISPCHARS (*Variable*) **16.19**
- (CLISPDEC DECLST) **16.9,19**
- CLISPFLG (*Variable*) **16.19**
- CLISPFONT (*font class*) 6.55
- CLISPFORWORDSPLST (*Variable*) 4.5
- CLISPHELPFLG (*Variable*) **16.16; 16.5**
- CLISPI.S.GAG (*Variable*) 4.13
- CLISPIFTRANFLG (*Variable*) **16.20**
- CLISPIFWORDSPLST (*Variable*) 4.4
- (CLISPIFY X L) **16.17; 11.7; 16.11**

INDEX

- CLISPIFY (*MAKEFILE option*) 11.7;
16.20
- (CLISPIFYFNS FN₁ FN_N) 16.17
- CLISPIFYPACKFLG (*Variable*) 16.18
- CLISPIFYPRETTYFLG (*Variable*) 6.54;
16.20; 11.7
- CLISPIFYUSERFN (*Variable*) 16.18
- CLISPINFIX (*Property Name*) 16.22
- CLISPINFIXSPLST (*Variable*) 16.19; 16.6
- CLISPRECORDTYPES (*Variable*) 3.10
- CLISPRETRANFLG (*Variable*) 16.16; 16.14
- (CLISPTRAN X TRAN) 16.19
- CLISPTYPE (*Property Name*) 16.21
- CLISPCWORD (*Property Name*) 16.22; 3.13
- (CLOCK N _) 14.10
- CLOSE (*Window Menu Command*) 19.20
- (CLOSE.NSFILEING.CONNECTIONS) 21.14
- (CLOSEALL ALLFLG) 6.3; 6.11
- CLOSEBREAKWINDOWFLG (*Variable*) 20.11
- CLOSECHATWINDOWFLG (*Variable*) 20.19
- (CLOSECONNECTION CONNECTION) 23.64
- (CLOSEF FILE) 6.2
- (CLOSEF? FILE) 6.3
- CLOSEFN (*Window Property*) 19.30
- (CLOSEHASHFILE HASHFILE) 23.42
- (CLOSENSOCKET NSOC NOERR ORFLG)
21.22
- (CLOSEPUPSOCKET PUPSOC
NOERR ORFLG) 21.16
- (CLOSER A X) 22.11
- (CLOSEW WINDO W) 19.26
- closing and reopening les 6.11
- CLREMPARSFLG (*Variable*) 16.18
- (CLRHASH HARRA Y) 2.35
- (CLRPROMPT) 19.19
- (CNDIR HOST/DIR) 18.11
- (CNDIR DIR PASSW ORD) 23.61
- CNTRLV (*syntax class*) 6.42
- CODE (*Property Name*) 5.9; 5.10; 22.26
- COLLECT FORM (*I.S. Operator*) 4.6
- collecting (*Printed by System*) 22.9
- color bitmaps 19.43
- (COLORDEMO) 19.49
- (COLORDEMO1) 19.49
- (COLORDEMO2 SIZE) 19.50
- (COLORDISPLAY COL ORMAP
BITSPERPIXEL CLEARSSCREENFL G)
19.47
- (COLORDISPLAYP) 19.47
- (COLORFILL REGION COL ORNUMBER
COL ORBITMAP OPERA TION) 19.49
- (COLORFILLAREA LEFT BOTTOM
WIDTH HEIGHT COL ORNUMBER
COL ORBITMAP OPERA TION) 19.49
- (COLORIZEBITMAP BITMAP 0COL OR
1COL OR BITSPERPIXEL) 19.49
- (COLORKINETIC REGION FIRSTCOL OR
LASTCOL OR) 19.50
- (COLORLEVEL COL ORMAP COL ORNUMBER
PRIMAR YCOL OR NEWLEVEL) 19.46
- (COLORMAPCOPY COL ORMAP
BITSPERPIXEL) 19.46
- (COLORMAPCREATE INTENSITIES
BITSPERPIXEL) 19.45
- (COLORMAPP COL ORMAP? BITSPERPIXEL)
19.46
- COLORNAMES (*Variable*) 19.44
- (COLORNUMBERP COL OR BITSPERPIXEL
NOERRFLG) 19.45
- (COLORPOLYDEMO COL ORDS) 19.50
- (COLORSCREENBITMAP) 19.43
- COLORSCREENHEIGHT (*Variable*) 19.44
- COLORSCREENWIDTH (*Variable*) 19.44

INDEX

- COM (*as su x to le name*) **12.10**
- COMMAND (*Variable*) 20.44
- commands that move parentheses (in Editor) 17.31
- comment pointers 6.51; 17.43
- COMMENT USED FOR VALUE (*Error Message*) **12.20**
- (COMMENT1 L _) **6.50**
- COMMENTFLG (*Variable*) **6.50**; 6.52
- COMMENTFONT (*font class*) 6.55
- COMMENTLINELENGTH (*Variable*) **6.57**
- comments (*in listings*) 6.49
- (COMPARE NAME1 NAME2 TYPE SOUR CE1 SOUR CE2) **11.19**
- (COMPAREDEFS NAME TYPE SOUR CES) **11.19**
- (COMPARELISTS x y) **14.9**
- comparing lists 14.9
- (COMPILE x FLG) **12.10**; 12.11
- COMPILE.EXT (*Variable*) 12.10; 18.5
- (COMPILE1 FN DEF _) **12.11**
- compiled le **12.10**
- compiled functions 5.5
- COMPILED ON (*Printed When File is Loaded*) 12.10
- (COMPILEFILES FILE₁ FILE₂ FILE_N) **11.10**
- COMPILEHEADER (*Variable*) 12.10
- COMPILEIGNOREDECL (*Variable*) **23.25**
- compiler **12.1**
- compiler error messages 12.20
- compiler functions **12.10**; 12.16
- compiler printout 12.2
- compiler questions 12.1
- compiler structure 22.11
- COMPILERMACROPROPS (*Variable*) 5.17
- COMPILETYPEELST (*Variable*) **12.9**; 5.11; 12.7-8
- COMPILEUSERFN (*Variable*) **12.7**; 12.8
- compiling by datatype 12.8
- compiling CLISP **12.9**; 12.7,11
- compiling les **12.11**; 12.17
- compiling FUNCTION 12.8
- compiling function calls 12.6
- COMPLETEON (*ASKUSER option*) 6.63
- COMPSET (*Function*) **12.1**
- (COMS x₁ x_M) (*Editor Command*) **17.46**
- (COMS COM₁ COM_N) (*File Package Command*) **11.24**
- (COMSQ COM₁ COM_N) (*Editor Command*) **17.46**
- (CONCAT x₁ x₂ x_N) **2.30**
- (CONCATLIST x) **2.30**
- (COND CLA USE₁ CLA USE₂ CLA USE_K) **4.1**
- COND clause 4.1
- CONFIRMFLG (*ASKUSER option*) 6.62
- Conjunctions (in Masterscope) 13.13
- CONN DIR PWD (*Exec Command*) **23.59**
- CONN {DEVICE/HOST } <DIRECTOR Y> (*Prog. Asst. Command*) **18.11**
- (CONS x y) **2.14**
- (CONSCOUNT N) **14.14**
- CONSTANT (*Function*) **12.5**
- (CONSTANTS VAR₁ VAR_N) (*File Package Command*) **11.27**
- (CONSTANTS VAR₁ VAR₂ VAR_N) **12.6**
- constants in compiled code 12.5
- constructing lists (*in CLISP*) 16.8
- CONTAIN (*Masterscope Relation*) **13.9**
- context switching 7.3

INDEX

- CONTIN (*Prog. Asst. Command*) **8.15**
- CONTINUE SAVING? (*Printed by System*) **8.33**
- CONTINUE WITH T CLAUSE
(*Printed by DWIM*) 15.6
- continuing an edit session 17.39
- (CONTROL MODE TTBL) **6.45**; 6.13,15
- control chain 7.2
- control character echoing 6.42
- control- A 6.13,41,43
- control- A (TOPS- 20) (*Editor Command*) 17.13
- control- B 9.22-23; 18.1
- control- B (Interlisp- 10) 22.1
- control- C 18.1
- control- C (Interlisp- 10) 22.1,21
- control- D 6.8,46; 9.2,12,14; 12.4; 17.38; 18.1
- control- D (Interlisp- 10) 22.1
- control- E 6.46; 9.2,14; 10.6; 15.4,6; 17.2; 18.1
- CONTROL- E (*Error Message*) **9.26**
- control- E (*typed to EDITA*) 23.48
- control- E (Interlisp- 10) 22.1
- control- F (*in le name*) 6.3
- control- G (*in history list*) **8.16**; 8.11
- control- H 6.46; 18.1
- control- H (Interlisp- 10) 22.1,11
- control- L 6.27
- control- L (TOPS- 20) (*Editor Command*) 17.13
- control- N (TOPS- 20) **8.16**
- control- O 18.2
- control- O (Interlisp- 10) 22.2
- control- P **6.19**; 6.46; 9.6; 18.1
- control- P (Interlisp- 10) 22.2
- control- Q 6.13,41,43
- control- R 6.41
- control- S 6.46; 18.2
- control- S (Interlisp- 10) 22.2,11
- control- T 18.1
- CONTROL- T (*Litatom*) 9.17
- control- T (Interlisp- 10) 22.2
- control- U **8.16**; 6.13,41; 8.31
- control- V 6.13,42
- control- W **6.14**; 6.13,40-41
- control- X (*Editor Command*) **17.13**
- control- X (TOPS- 20) 22.11
- control- Y 6.39; 17.59
- control- Z (*Editor Command*) **17.13**
- control- Z (TOPS- 20) 6.15,46
- copy **2.19**; 2.16,24-25,27
- COPY (*DECLARE: Option*) **11.26**
- Copy (*DEdit Command*) **20.5**
- (COPY x) **2.19**
- (COPYALL x) **2.19**
- (COPYALLBYTES FR OMFILE TOFILE
BYTESIZE) **23.61**
- (COPYARRAY A) **2.33**
- (COPYBYTES SRCFIL DSTFIL STAR T
END) **6.9**
- (COPYDEF OLD NEW TYPE SOUR CE
OPTIONS) **11.18**
- (COPYFILE FR OMFILE TOFILE) **18.11**
- (COPYHASHFILE HASHFILE NEWNAME FN
VTYPE) **23.43**
- COPYING (*Record Package*) 3.3
- (COPYREADTABLE RDTBL) **6.33**
- COPYRIGHTFLG (*Variable*) **11.37**
- COPYRIGHTOWNERS (*Variable*) **11.37**
- (COPYSTK POS1 POS2) **7.7**

INDEX

- (COPYTERMTABLE TTBL) **6.41**
- COPYWHEN (*DECLARE: Option*) **11.26**
- CORE (*core device*) 18.13
- (COREDEVICE NAME) **18.13**
- COREVAL (*Property Name*) **22.15**; 22.16;
23.48-49
- COREVALs 22.14-15
- COREVALS (*Variable*) 22.15
- (COROUTINE CALLPTR qq
COROUTPTR qq COROUTFORM qq
ENDFORM qq) **7.15**
- coroutines **7.14**; 7.13
- (COS X RADIANSFLG) **2.46**
- (COUNT X) **2.21**
- COUNT FORM (*I.S. Operator*) **4.6**
- (COUNTDOWN X N) **2.21**
- (COURIER.CALL STREAM PROGRAM
PROCEDURE ARG₁ ARG_N
NOERR ORFLG) **21.9**
- (COURIER.OPEN HOSTNAME SERVERTYPE
NOERR ORFLG NAME) **21.7**
- (COURIER.READ.BULKDATA STREAM
PROGRAM TYPE) **21.10**
- (COURIER.READ.REP LIST.OF.WORDS
PROGRAM TYPE) **21.10**
- (COURIERPROGRAM NAME) **21.7**
- (COURIERTRACE FLG REGION) **21.10**
- COUTFILE (*Variable*) 12.3
- (COVERS HI LO) **23.29**
- CQ (*in an ASSEMBLE statement*) 22.14
- CREATE (*in Masterscope template*) **13.17**
- CREATE (*Masterscope Relation*) **13.9**
- CREATE (*Record Operator*) **3.3**
- CREATE (*Record Package*) 3.9
- CREATE NOT DEFINED FOR THIS
RECORD (*Error Message*) 3.8
- (CREATE.EVENT NAME) **18.30**
- (CREATE.MONITORLOCK NAME _) **18.30**
- (CREATEHASHFILE FILE VALUETYPE
ITEMLENGTH qENTRIES) **23.41**
- (CREATEREGION LEFT BOTTOM WIDTH
HEIGHT) **19.2**
- (CREATETEXTUREFROMBITMAP BITMAP)
19.6
- (CREATEW REGION TITLE BORDER
NOOPENFLG) **19.25**
- CROSSHAIRS (*Variable*) 19.36
- CTRLV (*syntax class*) 6.42
- CTRLVFLG (*Variable*) 20.39
- curly brackets (*use with fip package*)
23.62
- current declaration context 23.30
- current expression (*in Editor*) **17.2**;
17.3,5,7-9,15
- CURRENTFN (*Variable*) 23.35
- CURRENTITEM (*Property Name*) 20.17
- (CURSOR NEW CURSOR _) **19.16**
- (CURSORBITMAP) **19.4**
- (CURSORCREATE BITMAP X Y) **19.16**
- CURSORINFN (*Window Property*) **19.29**
- CURSORMOVEDFN (*Window Property*) **19.29**
- CURSOROUTFN (*Window Property*) **19.29**
- (CURSORPOSITION NEWPOSITION
DISPLAYSTREAM OLDPOSITION)
19.15
- CURSORS (*File Package Command*) 19.16
- CV (*ASSEMBLE macro*) 23.54
- CV2 (*ASSEMBLE macro*) 23.54
- D (*Editor Command*) **17.44**
- DA (*Exec Command*) **23.59**
- dashing 19.14
- DATA TYPES FULL (*Error Message*) **9.25**

INDEX

- DATABASE (*Property Name*) 23.15
- DATABASECOMS (*Variable*) 13.21
- databasefns package 23.15
- DATATYPE (*Record Type*) **3.7**
- (DATATYPES _) **2.1**
- (DATE _) **14.9**
- (DATEFORMAT KEY ₁ KEY _N) **23.57**
- dateformat package 23.57
- DATEFORMAT.DEFAULT (*Variable*) 23.57
- DATEFORMAT.KEYS (*Variable*) 23.57
- DATUM (*in Changetran*) 3.13
- DATUM (*Property Name*) 20.17
- DATUM (*Variable*) 3.8-9
- DATUM OF INCORRECT TYPE
(*Error Message*) 3.15
- (DC FILE) **20.2**
- (DCHCON X SCRA TCHLIST FLG RDTBL)
2.12
- DCOM (*as su x to le name*) **12.10-11;**
12.17
- DDT 23.46
- debugging **10.1**
- DECL (*in Decl package*) 23.23
- Decl package 23.18
- declaration fault (*in Decl package*) 23.19
- DECLARATION NOT SATISFIED
(*Error Message*) 23.19
- declarations in CLISP **16.9;** 16.7
- DECLARE (*Function*) **12.5;** 16.15
- DECLARE DECL (*I.S. Operator*) **4.11;**
23.22
- DECLARE AS SPECVAR
(*Masterscope Relation*) **13.9**
- DECLARE AS LOCALVAR
(*Masterscope Relation*) **13.9**
- (DECLARE: . FILEPK GCOMS/FLA GS)
(*File Package Command*) **11.26;**
12.11,14
- DECLARE: (*Function*) 11.26
- DECLARE: DECL (*I.S. Operator*) **4.11**
- DECLARE: expression 11.25-26
- (DECLAREDATATYPE TYPENAME
FIELDSPECS) **3.14**
- DECLARETAGSLST (*Variable*) 11.27
- (DECLOF FORM) **23.30**
- DECLOF (*Property Name*) **23.30**
- (DECLTYPE TYPENAME TYPE PR OP ₁ VAL ₁
PR OP _N VAL _N) **23.28**
- DECLTYPES (*File Package Command*)
23.29
- decltypes (*in Decl package*) 23.18
- (DECODE/WINDOW/OR/DISPLAYSTREAM
DSOR W WINDO WV AR TITLE BORDER)
19.25
- (DECODEBUTTONS BUTTONST ATE) **19.18**
- Dedit 20.1
- DEDITL (*Function*) 20.2
- DeditLinger (*Variable*) **20.8**
- DEDITTYPEINCOMS (*Variable*) **20.8**
- deep binding **7.1;** 2.6
- DEFAULT.INSPECTW.PROPCOMMANDFN
(*Function*) 20.16
- DEFAULT.INSPECTW.TITLECOMMANDFN
(*Function*) 20.16
- DEFAULT.INSPECTW.VALUECOMMANDFN
(*Function*) 20.16
- DEFAULTCHATHOST (*Variable*) **20.19;**
20.18
- DEFAULTCOPYRIGHTOWNER (*Variable*)
11.37
- DEFAULTCURSOR (*Variable*) 19.16
- DEFAULTFILETYPE (*Variable*) 18.16
- DEFAULTFONT (*font class*) 6.55

INDEX

- (DEFAULTFONT DEVICE FONT _) **19.9**
- DEFAULTINITIALS (Variable) 17.60
- DEFAULTMAKENEWCOM (Function) 11.20
- DEFAULTMAPFILE (Variable) 14.18
- DEFAULTMENUHELDFN (Function) 19.39
- DEFAULTPRINTINGHOST (Variable) 18.16
- DEFAULTPROMPT (Variable) 20.38
- DEFAULTRENAMEMETHOD (Variable) 11.19
- DEFAULTTTYREGION (Variable) 18.32
- DEFAULTWHENSELECTEDFN (Function) 19.39
- DEFC (Function) 8.22
- DEFERREDCONSTANT (Function) **12.6**
- (DEFEVAL TYPE FN) **5.11**
- (DEFINE x _) **5.9**
- DEFINED (MARKASCHANGED reason) 11.11
- DEFINED, THEREFORE DISABLED IN CLISP (Error Message) 4.6; 16.4
- (DEFINEQ x₁ x₂ ... x_N) **5.9**
- de ning le package commands 11.30
- de ning le package types 11.19
- de ning new iterative statement operators 4.13
- (DEFLIST L PR OP) **2.7**
- (DEFPRINT TYPE FN) **6.23**
- del 6.15,41,46
- (DEL.PROCESS PR OC _) **18.27**
- (DELDEF NAME TYPE) **11.18**
- Delete (DEdit Command) **20.4**
- DELETE (Editor Command) **17.9**
- (DELETE . @) (Editor Command) **17.24-25; 17.22**
- DELETECHAR (syntax class) 6.41
- (DELETECONTROL TYPE MESSA GE TTBL) **6.43**
- DELETED (MARKASCHANGED reason) 11.12
- DELETEDLINE (syntax class) 6.41
- (DELETEMENU MENU CL OSEFL G FR OMWINDO W) **19.38**
- (DELFILE FILE) **6.3**
- (DELFROMCOMS COMS NAME TYPE) **11.33**
- (DELFROMFILES NAME TYPE FILES) **11.33**
- DELNOTE (Transorset Command) **23.39**
- (DELPAGE PAGE q HASHFILE) **23.45**
- DELVER FILEGR OUP (Exec Command) **23.60**
- (DEPOSITBYTE N POSITION SIZE BYTE) **2.42**
- DESCRIBE SET (Masterscope Command) **13.6**
- DESCRIBELST (Variable) 13.7
- DESTINATION IS INSIDE EXPRESSION BEING MOVED (Printed by Editor) 17.29
- destructive functions 2.3,24,27
- DET (Exec Command) **23.59**
- (DETACH) **23.60**
- (DETACHEDP) **23.61**
- Determiners (in Masterscope) 13.12
- (DF FN) **20.1**
- DFNFLG (Variable) **5.9; 5.10; 8.24; 11.4; 17.54**
- (DIFFERENCE x y) **2.44**
- di erent expression (Printed by Editor) 17.51
- DIR FILES . COMMANDS (Prog. Asst. Command) **14.8**
- DIRCOMMANDS (Variable) 14.7
- DIRECTORIES (Variable) **18.12; 15.20**

INDEX

- (DIRECTORY FILES COMMANDS
DEFAULTTEXT DEFAULTTVERS) **14.6**
- (DIRECTORYNAME FLG STRPTR) **18.12**
- (DIRECTORYNAMEP DIRNAME HOSTNAME)
18.6
- disabling CLISP operators 16.20
- (DISCARDPUPS SOC) **21.16**
- (DISCARDXIPS NSOC) **21.22**
- (DISKFREEPAGES _ _) **18.11**
- (DISKPARTITION) **18.11**
- (DISMISS MSEC SWAIT TIMER) **14.1**
- DISMISSINIT (*Variable*) 6.16
- DISMISSMAX (*Variable*) 6.16
- Display Break Package 20.10
- (DISPLAYDOWN FORM NSCANLINES)
18.22
- DISPLAYHELP (*Function*) 20.38
- DISPLAYTERMFLG (*Variable*) 22.23
- (DISPLAYTERMP) **22.23**
- DISPLAYTYPES (*Variable*) 20.45
- DLAMBDA (*in Decl package*) **23.20**; 23.19
- DMACRO (*Property Name*) 5.17
- (DMPHASH HARRA Y₁ HARRA Y₂
HARRA Y_N) **2.36**
- DO COM (*Editor Command*) **17.42**; 8.35
- DO FORM (*I.S. Operator*) **4.6**
- (DOBACKGROUNDCOM) **19.22**
- (DOBE) **6.18**
- (DOCOLLECT ITEM LST) **2.18**
- DOCOPY (*DECLARE: Option*) **11.26**
- DOEVAL@COMPILE (*DECLARE: Option*)
11.27
- DOEVAL@LOAD (*DECLARE: Option*) **11.26**
- DONTCOMPILEFNS (*Variable*) **12.11**;
12.12,15
- DONTCOPY (*DECLARE: Option*) **11.26**
- DONTEVAL@COMPILE (*DECLARE: Option*)
11.27
- DONTEVAL@LOAD (*DECLARE: Option*)
11.26
- (DOSELECTEDITEM MENU ITEM BUTTON)
19.41
- (DOSTATS FORM TITLE _ _ _) **18.22**
- DOTHESE (*Transorset Command*) **23.39**
- DOTHIS (*Transorset Command*) **23.39**
- (DOWINDOWCOM WINDOW) **19.22**
- (DP NAME PRO P) **20.1**
- (DPB N BYTESPEC VAL) (*Macro*) **2.42**
- DPROG (*Function*) 23.20-21
- DPROGN (*Function*) 23.23
- (DRAWBETWEEN POSITION₁ POSITION₂
WIDTH OPERA TION DISPLAYSTREAM
COL OR) **19.13**
- (DRAWCIRCLE X Y RADIUS BRUSH
DASHING DISPLAYSTREAM) **19.14**
- (DRAWCURVE KNOTS CLOSED BRUSH
DASHING DISPLAYSTREAM) **19.14**
- (DRAWELLIPSE X Y SEMIMINORRADIUS
SEMIMAJORRADIUS ORIENT ATION
BRUSH DASHING DISPLAYSTREAM)
19.14
- (DRAWLINE X₁ Y₁ X₂ Y₂ WIDTH
OPERA TION DISPLAYSTREAM COL OR)
19.13
- (DRAWTO X Y WIDTH OPERA TION
DISPLAYSTREAM COL OR) **19.13**
- (DREMOVE X L) **2.27**
- (DREVERSE L) **2.27**
- (DRIBBLE FILENAME APPENDFL G
THA WEDFL G) **6.12**
- (DRIBBLEFILE) **6.12**
- DSK DIR DAYS (*Exec Command*) **23.60**
- (DSKSTAT DIR PRINTIF OVER PRINTSYS
PRINTDEL PRINTOLD) **23.61**
- DSP (*Window Property*) **19.33**

INDEX

- (DSPBACKCOLOR COL OR DISPLAYSTREAM)
19.48
- (DSPBACKUP WIDTH DISPLAYSTREAM)
19.13
- (DSPCLIPPINGREGION REGION
DISPLAYSTREAM) **19.11**
- (DSPCOLOR COL OR DISPLAYSTREAM)
19.48
- (DSPCREATE DESTINATION) **19.10**
- (DSPDESTINATION DESTINATION
DISPLAYSTREAM) **19.11**
- (DSPFILL REGION TEXTURE OPERATION
DISPLAYSTREAM) **19.12**
- (DSPFONT FONT DISPLAYSTREAM) **19.11**
- (DSPLEFTMARGIN XPOSITION
DISPLAYSTREAM) **19.11**
- (DSPLINEFEED DELTAY DISPLAYSTREAM)
19.12
- (DSPOPERATION OPERATION
DISPLAYSTREAM) **19.12**
- (DSPRESET DISPLAYSTREAM) **19.12**
- (DSPRIGHTMARGIN XPOSITION
DISPLAYSTREAM) **19.11**
- (DSPSCROLL SWITCHSETTING
DISPLAYSTREAM) **19.12**
- (DSPSOURCETYPE SOURCETYPE
DISPLAYSTREAM) **19.12**
- (DSPTEXTURE TEXTURE DISPLAYSTREAM)
19.11
- (DSPXOFFSET XOFFSET DISPLAYSTREAM)
19.11
- (DSPXPOSITION XPOSITION
DISPLAYSTREAM) **19.11**
- (DSPYOFFSET YOFFSET DISPLAYSTREAM)
19.11
- (DSPYPOSITION YPOSITION
DISPLAYSTREAM) **19.11**
- (DSUBLIS ALST EXPR FLG) **2.24**
- (DSUBST NEW OLD EXPR) **2.24**
- (DUMMYFRAMEP POS) **7.4**
- DUMP (*Transorset Command*) **23.37**
- (DUMPDATABASE FNLST) **13.21**
- (DUMPDB FILE) **23.16**
- DUMPFIL (Variable) 23.37
- dumping circular lists 6.23
- dumping unusual data structures 6.23
- (DUNPACK X SCRA TCHLIST FLG RDTBL)
2.10
- during INTER VAL (*I.S. Operator*) **14.12**
- (DV VAR) **20.1**
- DW (*Editor Command*) **16.21; 17.43**
- DWIM **15.1**
- (DWIM x) **15.3**
- DWIM interaction with user 15.3
- DWIM variables 15.10
- DWIMCHECK#ARGSFLG (Variable) **16.16**
- DWIMCHECKPROGLABELSFLG (Variable)
16.16; 16.15
- DWIMESSGAG (Variable) **16.16; 12.9**
- DWIMFLG (Variable) **15.12; 15.19; 17.52,55**
- (DWIMIFY X QUIETFL G L) **16.14-15;**
16.11
- dwimify (*Printed by DWIM*) 12.9
- DWIMIFYCOMPFLG (Variable) **16.16;**
12.9,11,17
- DWIMIFYFLG (Variable) **15.11**
- (DWIMIFYFNS FN₁ FN_N) **16.16;**
16.15
- DWIMLOADFNS? (*Function*) 15.11
- DWIMLOADFNSFLG (Variable) **15.12; 15.11**
- DWIMUSERFORMS (Variable) **15.10;**
15.8-9; 23.16
- DWIMWAIT (Variable) **15.11; 15.4-5**
- E (*Editor Command*) **17.45**

INDEX

- (E X) (*Editor Command*) **17.45**
- (E X T) (*Editor Command*) **17.45**;
8.36; 17.6
- (E FORM₁ FORM_N)
(*File Package Command*) **11.24**
- E (*in a oating point number*) **2.42**; 6.13
- E (*in an ASSEMBLE statement*) 22.14
- E (*use in comments*) 6.50
- EACHTIME FORM (*I.S. Operator*) **4.11**;
4.12
- (ECHOCHAR CHAR CODE MODE TTBL)
6.43
- (ECHOCONTROL CHAR MODE TTBL) **6.42**
- echoing 6.42
- (ECHOMODE FLG TTBL) **6.43**
- ED (*Editor Command*) 20.37
- RELATIONED IN SET
(*Masterscope Set Speciation*) **13.11**
- RELATIONED BY SET
(*Masterscope Set Speciation*) **13.11**
- EDIT (*Break Command*) **9.8**; 9.9
- Edit (*DEdit Command*) **20.5**
- EDIT (*display break command*) 20.10
- EDIT (*Litatom*) 17.39
- EDIT SET [- EDITCOMS]
(*Masterscope Command*) **13.6**
- EDIT WHERE SET RELATION SET [-
EDITCOMS] (*Masterscope Command*)
13.6
- EDIT (*Printed by Editor*) 17.56
- EDIT (*Transorset Command*) **23.36**
- edit chain **17.2**; 17.4,7-9,15
- edit commands that search 17.13
- edit commands that test 17.46
- edit macros 17.48
- EDIT-SAVE (*Property Name*) 17.38-39
- (EDIT4E PAT X _) **17.57**
- EDITA 23.46
- (EDITA FN COMS) **23.47**
- (EDITBM BITMAP) **20.8**
- (EDITCALLERS ATOMS FILES COMS)
17.59
- (EDITCHAR CHAR CODE FONT) **20.10**
- EDITCHARACTERS (*Variable*) 17.60
- (EDITCOLORMAP VAR NOQFL G) **19.47**
- EditCom (*DEdit Command*) **20.6**
- EDITCOMS (*Function*) 17.50
- EDITCOMSA (*Variable*) **17.53**; 15.7,9; 17.52
- EDITCOMSL (*Variable*) **17.52**; 15.9; 17.53
- EDITDATE (*Function*) **17.60**
- EDITDATE? (*Function*) **17.60**
- (EDITDEF NAME TYPE SOUR CE
EDITCOMS) **11.18**
- EDITDEFAULT (*Function*) **17.51**; 8.36
- (EDITE EXPR COMS ATM TYPE
IFCHANGEDFN) **17.56**; 17.1,55
- EDITEMBEDTOKEN (*Variable*) **17.28**; **20.8**
- (EDITF NAME COM₁ COM₂ COM_N)
17.53; 17.1,55
- (EDITFINDP X PAT FLG) **17.57**
- (EDITFNS NAME COM₁ COM₂
COM_N) **17.55**
- (EDITFPAT PAT _) **17.57**
- EDITHISTORY (*Variable*) **8.35**;
8.25-26,29,36
- editing arrays 23.46
- editing compiled code 10.7; 17.58; 23.46
- (EDITL L COMS ATM MESS
EDITCHANGES) **17.56**
- (EDITL0 L COMS MESS _) **17.57**
- (EDITLOADFNS? FN STR ASKFL G FILES)
17.58
- EDITLOADFNSFLG (*Variable*) 17.54

INDEX

- (EDITMODE NEWMODE) **20.2**
- (EDITP NAME COM 1 COM 2 COM N)
17.56; 17.1
- EDITPREFIXCHAR (Variable) 20.34
- EDITQUIETFLG (Variable) 17.14
- (EDITTRACEFN COM) **17.59**
- EDITRDTBL (Variable) 6.32; 17.56
- (EDITREC NAME COM 1 COM N) **3.11**
- (EDITSHADE SHADE) **20.10**
- EDITUSERFN (Variable) 17.51
- (EDITV NAME COM 1 COM 2 COM N)
17.55; 17.1
- EE (Editor Command) 20.37
- EF (Editor Command) **17.40**
- EF (Function) 20.2
- EFFECT (in Masterscope template) **13.17**
- (EFTP HOST FILE PRINTERFL G q SIDES)
21.5
- element patterns
(in Pattern Match Compiler) 23.2
- (ELT A N) **2.33-34**
- (ELTD A N) **2.34**
- EMACSFLG (Variable) **20.43**
- (EMBED @ IN . X) (Editor Command)
17.28
- (EMPRESS FILE q COPIES HOST HEADING
q SIDES) **18.17**
- EMPRESS#SIDES (Variable) 18.17
- EMPRESS.SCRATCH (Variable) **18.17**
- empty list 2.15
- (ENCAPSULATE.ETHERPACKET NDB
PACKET PDH NBYTES ETYPE) **21.24**
- END OF FILE (Error Message) 6.8,13
- end-of-line 6.8,13,16
- (ENDCOLLECT LST TAIL) **2.18**
- (ENDFILE FILE) **6.25**
- ENTRIES (in Masterscope Set Speciation)
13.11
- entries (to a block) **12.13; 12.16**
- ENTRIES (Variable) 12.15
- (ENTRY# HIST X) **8.33**
- (ENVAPPLY FN AR GS APOS CPOS AFL G
CFL G) **7.6**
- (ENVEVAL FORM APOS CPOS AFL G
CFL G) **7.6**
- (EOFP FILE) **6.9**
- EOL (syntax class) 6.42
- EP (Editor Command) **17.40**
- EP (Function) 20.2
- (EQ X Y) **2.2**
- (EQLENGTH X N) **2.21**
- (EQMEMB X Y) **2.23**
- (EQP X Y) **2.3,37**
- (EQUAL X Y) **2.3; 2.37**
- (EQUALALL X Y) **2.3**
- (EQUALN X Y DEPTH) **2.22**
- ERASE SET (Masterscope Command) **13.5**
- ERASE (Transorset Command) **23.36**
- ERROR (Error Message) **9.23; 9.14**
- (ERROR MESS1 MESS2 NOBREAK) **9.14;**
9.23,26
- ERROR (Litatom) 9.17
- error correction 15.1
- error number 9.22
- (ERROR!) **9.14; 9.3**
- (ERRORMESS U) **9.15; 9.22**
- ERRORMESS (Variable) **9.16**
- (ERRORMESS1 MESS1 MESS2 MESS3) **9.15**
- (ERRORN) **9.14; 9.22**
- ERRORPOS (Variable) **9.16**
- errors in compiler 12.20

INDEX

- errors in Editor 17.2
- errors in iterative statements 4.13
- (ERRORSET FORM FLAG _) **9.15**;
9.11,14
- (ERRORSTRING N) **9.15**
- ERRORTYPELST (*Variable*) **9.16**; 6.5
- (ERRORX ERXM) **9.13**
- ERRORX (*Litatom*) 9.12
- (ERSETQ FORM) **9.15**; 4.4
- (ERSTR ERN _) **22.6**; 18.6
- ESC (*type of read-macro*) 6.37
- (ESCAPE FLG RDTBL) **6.36**
- ESCAPE (*Syntax Class*) 6.33
- escape character **6.13**; 2.4
- ESCQUOTE (*type of read-macro*) 6.37
- (ESUBST NEW OLD EXPR ERR ORFL G
CHARFL G) **17.57**; 8.8
- (ETHERHOSTNAME POR T
USE.OCT AL.DEFAULT) **21.5**
- (ETHERHOSTNUMBER NAME) **21.4**
- ethernet 21.1
- (ETHERPORT NAME ERR ORFL G MUL TFL G)
21.5
- EV (*Editor Command*) **17.40**
- EV (*Function*) 20.2
- EVAL (*Break Command*) **9.3**; 10.5
- Eval (*DEdit Command*) **20.6**
- EVAL (*display break command*) 20.10
- EVAL (*Editor Command*) **17.45**
- (EVAL X _) **5.11**
- EVAL (*in Masterscope template*) **13.17**
- EVAL! (*display break command*) 20.10
- (EVAL.AS.PROCESS FORM) **18.37**
- (EVAL.IN.TTY.PROCESS FORM
WAITFORRESUL T) **18.37**
- EVAL@COMPILE (*DECLARE: Option*)
11.27
- EVAL@COMPILEWHEN (*DECLARE: Option*)
11.27
- EVAL@LOAD (*DECLARE: Option*) **11.26**
- EVAL@LOADWHEN (*DECLARE: Option*)
11.26
- (EVALA X A) **5.12**
- (EVALV VAR POS) **7.7**
- (EVENP X Y) **2.41**
- EVENT (*Variable*) 8.18
- event address 8.5
- event number **8.26**; 8.5,11,18,33
- event speci cation **8.5**; 8.17
- (EVERY EVER YX EVER YFN1 EVER YFN2)
5.14
- (EXAM X) (*Editor Command*) **17.48**
- (EXCHANGEPUPS SOC OUTPUP DUMMY
IDFILTER TIMEOUT) **21.16**
- (EXCHANGEXIPS SOC OUTXIP IDFILTER
TIMEOUT) **21.22**
- EXEC (*Prog. Asst. Command*) **8.15**
- exec package 23.59
- Exit (*DEdit Command*) **20.6**
- EXIT (*Transorset Command*) **23.37**
- EXP DIR (*Exec Command*) **23.60**
- EXPAND (*Window Menu Command*) **19.21**
- (EXPANDBITMAP BITMAP WIDTHF ACTOR
HEIGHTF ACTOR) **19.4**
- EXPANDFN (*Window Property*) **19.31**
- (EXPANDMACRO FORM QUIETFL G _)
5.19
- (EXPANDW ICON) **19.28**
- EXPLAINDELIMITER (*ASKUSER option*)
6.63
- EXPLAINSTRING (*ASKUSER option*) 6.62

INDEX

- (EXPORT COM₁ COM_N)
(File Package Command) **11.27**
- EXPR (Litatom) **5.6**
- EXPR (Property Name) **5.9**; 5.10; 11.4,12;
12.10,14; 15.8-9; 17.54-55
- EXPR (Variable) **15.11**; 13.18
- EXPR* (Litatom) **5.6**; 5.7
- EXPRESSIONS (File Package Type) **11.15**;
8.13
- (EXPRP FN) **5.6**; 22.3
- EXPRS (Litatom) 11.35
- (EXPT M N) **2.45**
- (EXPUNGE DIR) **23.61**
- (EXTENDREGION REGION
INCLUDEREGION) **19.3**
- EXTENT (Window Property) **19.32**;
19.23-24,34
- (EXTRACT @₁ FROM . @₂)
(Editor Command) **17.27**
- F PATTERN (Editor Command) **17.15**
- (F PATTERN) (Editor Command) **17.16**
- F PATTERN T (Editor Command) **17.16**
- F PATTERN N (Editor Command) **17.16**
- F PATTERN NIL (Editor Command) **17.16**
- (F PATTERN N) (Editor Command)
17.16; 17.4
- F (in event address) 8.5
- F (Response to Compiler Question) 12.2
- F/L (as a DWIM construct) 15.8
- (F= EXPRESSION X) (Editor Command)
17.17
- (FASSOC KEY ALST) **2.25**; 16.10
- FAST (MAKEFILE option) **11.7**
- fast functions 2.3
- fast symbolic dump 6.54
- FASTYPEFLG (Variable) 15.17
- FAULT IN EVAL (Error Message) **9.24**
- FAULTAPPLY (Function) **15.6**; 12.19;
15.10
- FAULTAPPLYFLG (Variable) **15.10**
- FAULTARGS (Variable) **15.10**
- FAULTIVAL (Function) **15.6**; 9.24; 15.10
- FAULTFN (Variable) **15.11**
- FAULTX (Variable) **15.10**
- FBOX (Function) 23.55
- FBOX (record declaration) 23.55
- (FCHARACTER N) **2.12**
- (FDIFFERENCE X Y) **2.43**
- (FEQP X Y) **2.44**
- FETCH (in Masterscope template) **13.17**
- FETCH (in record package) 16.7
- FETCH (Masterscope Relation) **13.9**
- FETCH (Record Operator) **3.1**
- (FETCHFIELD DESCRIPTOR DATUM) **3.15**
- FETCHFN (Property Name) 20.17
- FEXPR (Litatom) **5.6**; 5.7
- FEXPR* (Litatom) **5.6**; 5.7
- FFETCH (Record Package) 3.2
- (FFILEPOS PATTERN FILE START END
SKIP TAIL CASEARRA Y) **6.10**
- (FGETD FN) **5.8**
- (FGREATERP X Y) **2.44**
- FI (Exec Command) **23.60**
- FI JFN (Exec Command) **23.60**
- (FIELDLOOK FIELDNAME) **3.11**
- FIELDS (File Package Type) **11.16**
- FIELDS OF SET
(Masterscope Set Specification) **13.11**
- (FILDIR FILEGROUP) **14.8**
- FILE (Property Name) **11.13**

INDEX

- FILE (*Variable*) 23.50
 - le attributes 6.6
- FILE DATA ERROR (*Error Message*) 23.63
 - le maps 11.38
 - le names **6.3**; 6.4-5
- FILE NOT FOUND (*Error Message*) **9.24**; 6.1,5
- FILE NOT OPEN (*Error Message*) **9.23**; 6.2,5,9; 22.22
 - le package commands 11.21
 - le package functions 11.32
 - le pointer 6.8-9
- FILE SYSTEM RESOURCES EXCEEDED (*Error Message*) **9.24**; 6.1,4
- FILE WON'T OPEN (*Error Message*) **9.23**; 6.1
- FILE: (*Compiler Question*) 12.1
 - (FILECHANGES FILE TYPE) **11.36**
- FILECHANGES (*Property Name*) **11.13**; 11.11
 - lecoms **11.21**; 11.3-4
- (FILECOMS FILE TYPE) **11.34**
- (FILECOMSLST FILE TYPE _) **11.33**
- (FILECREATED x) **11.35**
- FILECREATED expression 12.10
 - (FILEDATE FILE _) **11.36**
- FILEDATES (*Property Name*) **11.13**; 11.11,36
- FILEDEF (*Property Name*) **15.8**; 15.9
 - (FILEFNLSST FILE) **11.34**
- FILEGROUP (*Property Name*) 11.8
- FILELINELENGTH (*Variable*) **23.14**; 6.54
- FILELST (*Variable*) **11.13**; 11.4,8; 15.20
- FILEMAP (*Property Name*) **11.13,38**
- FILEMAP DOES NOT AGREE WITH CONTENTS OF (*Error Message*) 11.39
 - (FILENAMEFIELD FILENAME FIELDNAME) **6.5**
- FILEPKG.SCRATCH (*le*) 11.19
 - (FILEPKGCHANGES TYPE LST) **11.12**
 - (FILEPKGCOM COMMANDNAME PR OP ₁ VAL ₁ PR OP _N VAL _N) **11.32**
 - (FILEPKGCOMS LITATOM ₁ LITATOM _N) (*File Package Command*) **11.24**
- FILEPKGCOMS (*File Package Type*) **11.15**
- FILEPKGCOMSPLST (*Variable*) **11.22**
- FILEPKGFLG (*Variable*) **11.3**; 11.4
 - (FILEPKGTYPE TYPE PR OP ₁ VAL ₁ PR OP _N VAL _N) **11.20**
- FILEPKGTYPES (*Variable*) **11.14**
- (FILEPOS PATTERN FILE START END SKIP TAIL CASEARRA Y) **6.9**
- FILERDTBL (*Variable*) **6.32**; 6.16,24-25; 11.4,34; 18.7
 - les 6.1
- (FILES . FILES/LISTS) (*File Package Command*) **11.28**
- FILES (*File Package Type*) **11.16**
- (FILES?) **11.8**
- FILETYPE (*Property Name*) 12.9,11; 16.20
 - levars **11.30**; 11.4,34
- FILEVARS (*File Package Type*) **11.16**
- (FILLCIRCLE x y RADIUS TEXTURE DISPLAYSTREAM) **19.12**
- FINALLY FORM (*I.S. Operator*) **4.10**; 4.12
- Find (*DEdit Command*) **20.5**
- FIND (*I.S. Operator*) 4.15
 - (FIND.PROCESS PR OC ERR ORFL G) **18.28**
- (FINDCALLERS ATOMS FILES) **17.59**
- (FINDFILE FILE NSFL G DIRLST) **15.20**
- FIRST (*Argument to ADVISE*) 10.9
- FIRST (*DECLARE: Option*) **11.27**

INDEX

- FIRST FORM (*I.S. Operator*) **4.10**; 4.12
- FIRST (*type of read-macro*) 6.37
- FIRSTCOL (*Variable*) **6.53**; 6.54
- (FIX x) **2.40**
- FIX EventSpec (*Prog. Asst. Command*)
8.10; 8.27
- FIX format (in PRINTNUM) 6.21
- xed number of arguments 5.2
- FIXEDITDATE (*Function*) **17.60**
- FIXP (*as a eld speci cation*) 3.14
- (FIXP x) **2.1,37**
- FIXP (*record eld type*) 3.7
- (FIXSPELL XW ORD REL SPLST FLG
TAIL FN TIEFLG DONTMO VETOPFL G
_ _) **15.18**; 15.19-20
- FIXSPELLDEFAULT (*Variable*) **15.12**;
15.4; 16.14
- FIXSPELLREL (*Variable*) 15.18
- FLAG (*record eld type*) 3.7
- (FLAST x) **2.20**; 16.10
- (FLENGTH x) **2.21**
- (FLESSP x y) **2.44**
- (FLIPCURSOR) **19.16**
- (FLOAT x) **2.44**
- FLOAT format (in PRINTNUM) 6.22
- FLOATING (*record eld type*) 3.7
- FLOATING OVERFLOW (*Error Message*)
9.26
- oating point arithmetic 2.43
- oating point numbers **2.42**; 2.1,36-37,40;
6.13; 22.3
- FLOATING UNDERFLOW (*Error Message*)
9.26
- FLOATP (*as a eld speci cation*) 3.15
- (FLOATP x) **2.1,37**
- FLOATP (*record eld type*) 3.7
- FLOPPY (*File Device*) 18.13
- (FLTFMT FORMAT) **6.20**
- (FLUSHRIGHT POS X MIN P2FLAG
CENTERFLAG FILE) **6.31**
- (FMAX x₁ x₂ ...x_N) **2.44**
- (FMEMB x y) **2.23**; 16.10
- (FMIN x₁ x₂ ...x_N) **2.44**
- (FMINUS x) **2.43**
- FN (*Transorset Command*) **23.36**
- FN (*Variable*) 13.7
- (FNCHECK FN NOERR ORFLAG SPELLFLAG
PROPFLAG TAIL) **15.19**; 5.7
- (FNS FN₁ ...FN_N)
(*File Package Command*) **11.22**
- FNS (*File Package Type*) **11.15**
- (FNTH x N) **2.20**
- (FNTYP FN) **5.6**; 5.10; 22.3
- font package 6.55
- FONTCHANGEFLG (*Variable*) **6.56**; **23.14**
- (FONTCOPY OLDFONT PROP₁ VAL₁ PROP₂
VAL₂) **19.8**
- (FONTCREATE FAMILY SIZE FACE
ROTATION DEVICE NOERR ORFLAG)
19.8
- FONTDEFS (*Variable*) **6.57**
- FONTDEFSVARS (*Variable*) **6.56**
- FONTDIRECTORIES (*Variable*) 19.8
- FONTESCAPECHAR (*Variable*) **6.56**
- FONTFNS (*Variable*) 6.55
- (FONTNAME NAME) **6.56**
- (FONTP x) **19.8**
- FONTPROFILE (*Variable*) **6.56**
- (FONTPROP FONT PROP) **19.8**
- (FONTSET NAME) **6.56**
- FONTWIDTHSFILES (*Variable*) **18.18**; 19.8
- FOR VAR (*I.S. Operator*) **4.7**

INDEX

- FOR VARS (*I.S. Operator*) **4.7**
- FOR OLD VAR (*I.S. Operator*) **4.7**
- FOR (*in USE command*) 8.8
- FOR VARIABLE SET I.S.AIL
(*Masterscope Command*) **13.7**
- FOR (*in INSERT command*) (*in Editor*)
17.25
- (FORCEOUT CONNECTION/FILE) **23.65**
- forDuration INTER VAL (*I.S. Operator*)
14.12
- FORGET EventSpec (*Prog. Asst. Command*)
8.13; 8.18
- fork handle 22.21
- forks 22.20
- FORM (*Process Property*) 18.27
- format and use of history list 8.25
- (FPLUS x_1 x_2 x_N) **2.43**
- (FQUOTIENT x y) **2.43**
- frame 7.2
- frame extension 7.2
- frame name 7.2
- frames 7.2
- (FRAMESCAN ATOM POS) **7.5**
- FREE (*in Decl package*) 23.23
- FREELY (*use in Masterscope*) 13.8
- (FREEVARS FN USED ATABASE) **13.19**
- (FREMAINDER x y) **2.43**
- FREPLACE (*Record Package*) 3.2
- FROM FORM (*I.S. Operator*) **4.8**; 4.9
- FROM (*in event speci cation*) 8.6
- FROM SET (*Masterscope Path Option*)
13.14
- FROM (*in EXTRACT command*)
(*in Editor*) 17.27
- (FRPLACA x y) **2.15**; 16.10
- (FRPLACD x y) **2.15**; 16.10
- (FRPLNODE x A D) **2.15**
- (FRPLNODE2 x y) **2.15**
- (FRPTQ N FORM $_1$ FORM $_2$ FORM $_N$)
5.13
- (FS PATTERN $_1$ PATTERN $_N$)
(*Editor Command*) **17.16**
- FSUBR (*Litatom*) **5.6**; 5.7
- FSUBR* (*Litatom*) **5.6**; 5.7
- (FTIMES x_1 x_2 x_N) **2.43**
- (FTP HOST FILE ACCESS USER PASSW ORD
ACCOUNT BYTESIZE) **23.63**
- ftp package 23.62
- full le name 6.4
- (FULLNAME x RECOG) **6.4**; 6.5
- FULLPRESSPRINTER (*Variable*) 18.18
- FUNARG (*Litatom*) **5.15**; 5.6
- (FUNCTION FN ENV) **5.15**
- FUNCTION (*in Masterscope template*) **13.16**
- function de nition cell **5.8**; 12.18; 22.3
- function de nition cells 2.6
- function types 5.2
- FUNCTIONAL (*in Masterscope template*)
13.17
- functional arguments 12.8
- FUNNYATOMLST (*Variable*) **16.18**
- (GAINSPACE) **14.13**
- GAINSPACEFORMS (*Variable*) 14.13
- garbage collection 18.2; 22.7
- (GATHEREXPORTS FR OMFILES TOFILE
FLG) **11.29**
- (GCD x y) **2.40**
- (GCGAG MESSA GE) **18.2**; **22.9**
- (GCMESS MESSA GE q STRING) **22.10**
- (GCTRP) **18.2**

INDEX

- (GCTRP N) **22.11**
- GCTRP (*Printed by System*) 22.11
- (GDATE DATE FORMA TBITS STRPTR)
14.10
- GE (*CLISP Operator*) **16.6**
- (GENERATE HANDLE VAL) **7.13**
- (GENERATOR FORM qq COMV AR qq)
7.13
- generator handle 7.13
- generators 7.13
- generators for spelling correction 15.15;
23.44
- GENNUM (*Variable*) **2.11**
- (GENSYM CHAR) **2.11**; 10.3,8-9
- (GEQ X Y) **2.45**
- GET (*old name for LISTGET1*) 2.26
- GET* (*Editor Command*) **17.43**; 6.51
- (GETATOMVAL VAR) **2.6**
- (GETBLK N) **22.20**; 9.24; 18.6
- (GETBOXPOSITION WIDTH HEIGHT OR GX
OR GY WINDO W PROMPTMSG) **19.36**
- (GETBOXREGION WIDTH HEIGHT OR GX
OR GY WINDO W PROMPTMSG) **19.37**
- (GETBRK RDTBL) **6.35**
- (GETCHARBITMAP CHAR CODE FONT)
19.9
- (GETCOMMENT X DESTFL _) **6.51**
- (GETCONTROL TTBL) **6.45**
- GETD (*Editor Command*) **17.44**
- (GETD FN) **5.8**; 5.10; 22.3
- GETDECLTYPEPROP (*Function*) 23.29
- (GETDEF NAME TYPE SOURCE OPTIONS)
11.17
- (GETDELETECONTROL TYPE TTBL) **6.44**
- (GETDESCRIPTORS TYPENAME) **3.15**
- (GETECHOMODE TTBL) **6.43**
- (GETEOFPTR FILE) **6.9**
- (GETFIELDSPECS TYPENAME) **3.15**
- (GETFILEINFO FILE ATTRIB) **6.6**
- (GETFILEPTR FILE) **6.9**
- (GETHASH KEY HARRA Y) **2.35**; 16.14
- (GETHASHFILE KEY HASHFILE) **23.42**
- (GETLIS X PROPS) **2.8**
- (GETMOUSESTATE) **19.18**
- GETP (*old name of GETPROP*) 2.7
- (GETPAGE HASHFILE N) **23.45**
- (GETPASSWORD DIRECTOR YNAME) **23.62**
- (GETPNAME FILEADR HASHFILE) **23.45**
- (GETPOSITION WINDO W CURSOR) **19.36**
- (GETPROP ATM PROPS) **2.7**
- (GETPROPLIST ATM) **2.8**
- (GETPUP PUPSOC WAIT) **21.16**
- (GETPUPBYTE PUP BYTE qq) **21.18**
- (GETPUPSTRING PUP OFFSET) **21.18**
- (GETPUPWORD PUP WORD qq) **21.17**
- (GETRAISE TTBL) **6.45**
- (GETREADTABLE RDTBL) **6.32**
- (GETREGION MINWIDTH MINHEIGHT
INITREGION NEWREGIONFN
NEWREGIONFNAR G) **19.37**
- (GETRELATION ITEM RELATION
INVERTED) **13.20**
- (GETSEPR RDTBL) **6.35**
- (GETSTREAM FILE ACCESS) **18.12**
- (GETSYNTAX CH TABLE) **6.34**
- (GETTEMPLATE FN) **13.18**
- (GETTERMTABLE TTBL) **6.41**
- (GETTOPVAL VAR) **2.5**
- (GETTYPEDESCRIPTION TYPE) **22.2**
- GETVAL (*Editor Command*) **17.46**
- (GETXIP NSOC WAIT) **21.22**

INDEX

- (GIVE.TTY.PROCESS WINDO W) **18.34**
- (GLC X) **2.29**
- global variables 12.4; 16.15
- GLOBALVAR (*Property Name*) **12.3**; 16.15
- (GLOBALVARS VAR₁ VAR_N)
(*File Package Command*) **11.25**
- GLOBALVARS (*in Masterscope Set Speci cation*)
13.11
- GLOBALVARS (*Variable*) **12.3**; 12.15; 16.15
- (GNC X) **2.29**
- GO (*Break Command*) **9.3**
- (GO LABEL) (*Editor Command*) **17.17**
- (GO X) **4.4**
- GO (*in iterative statement*) 4.11
- GRAYSHADE (*Variable*) 19.6
- (GREATERP X Y) **2.45**
- (GREET NAME _) **14.5**
- GREETDATES (*Variable*) **14.6**
- (GREETFILENAME USER) **14.6**
- greeting and user pro les 14.5
- (GRID GRIDSPEC UNITSWIDE UNITSHIGH
GRIDBORDER DISPLAYSTREAM
GRIDSHADE) **19.42**
- (GRIDXCOORD XCOORD GRIDSPEC) **19.42**
- (GRIDYCOORD YCOORD GRIDSPEC) **19.42**
- GT (*CLISP Operator*) **16.6**
- (GTJFN FILE EXT V FLA GS) **22.22**; 18.6
- handle 22.24
- HARD DISK ERROR (*Error Message*) **9.22**
- HARDCOPY (*Window Menu Command*)
19.21
- (HARDCOPYW WINDO W/BITMAP/REGION
FILE HOST SCALEF ACTOR
ROTATION) **18.18**
- (HARDRESET) **18.25**
- (HARRAY LEN) **2.35**
- (HARRAYP X) **2.2**
- (HARRAYSIZE HARRA Y) **2.35**
- (HASDEF NAME TYPE SOUR CE SPELLFL G)
11.17
- HASH ARRAY FULL (*Error Message*) 2.36
- hash arrays **2.35**; 2.2
- hash le facility 23.41
- hash keys **2.35**
- hash over ow 2.36
- HASH TABLE FULL (*Error Message*)
9.24; 2.36
- hash value 2.35
- hash values **2.35**
- (HASHFILENAME HASHFILE) **23.42**
- (HASHFILEP X) **23.42**
- (HASHFILEPROP HASHFILE PR OP) **23.42**
- HASHFILERDTBL (*Variable*) 23.41
- (HASHFILESPLST HASHFILE) **23.44**
- HASHLINK (*Record Type*) **3.6**
- HASHOVERFLOW (*Function*) 2.36
- HASHSTATUS (*Function*) 23.42
- (HASTTYWINDOWP PR OC) **18.32**
- (HCOPYALL X) **2.19**; **6.24**
- HEIGHT (*Window Property*) **19.33**
- (HEIGHTIFWINDOW INTERIORHEIGHT
TITLEFL G BORDER) **19.26**
- (HELP MESS1 MESS2 BRKTYPE) **9.14**
- HELP (*Litatom*) 9.17
- HELP (*Masterscope Command*) **13.7**
- HELP! (*Error Message*) 9.14
- HELPCLOCK (*Variable*) **9.11**; 8.8,29
- HELPDEPTH (*Variable*) **9.10**
- HELPFLAG (*Variable*) **9.11**; 9.22
- HELPSYS (*Function*) 5.7; 18.5

INDEX

- HELPTIME (*Variable*) **9.11**
- HERALDSTRING (*Variable*) 14.4
- HERE (*in edit command*) 17.26
- HISTORY (*Property Name*) 8.12
- HISTORY (*Variable*) 8.18
- history list **8.2**; 8.25; 17.51
- HISTORYCOMS (*Variable*) 8.36
- (HISTORYFIND LST INDEX MOD
EVENT ADDRESS _) **8.32**
- (HISTORYMATCH INPUT PAT EVENT)
8.33
- (HISTORYSAVE HISTOR Y ID INPUT1
INPUT2 INPUT3 PR OPS) **8.32**;
8.25,27-28,35
- HISTORYSAVEFORMS (*Variable*) **8.18**
- HISTSTR0 (*Variable*) **8.26**
- HISTSTR1 (*Variable*) 20.40
- (HLSP x) **19.45**
- (HORRIBLEVARS VAR₁ VAR_N)
(*File Package Command*) **11.25**; 6.24
- HOST (*as a le name eld*) 23.63
- (HOSTNAME HOSTN FLG) **22.6**; 18.6
- (HOSTNAMEP NAME) **18.6**
- (HOSTNUMBER) **22.6**; 18.6
- (HPRINT EXPR FILE UNCIRCULAR
DATATYPESEEN) **6.24**
- (HREAD FILE) **6.24**
- (I C x₁ x_N) (*Editor Command*)
17.45
- (I.S.OPR NAME FORM OTHERS
EVALFLG) **4.13**
- I.S.OPR (*Property Name*) 11.12
- i.s.oprs 4.5
- (I.S.OPRS OPR₁ OPR_N)
(*File Package Command*) **11.25**; 4.15
- I.S.OPRS (*File Package Type*) **11.16**
- i.s.type **4.6**; 4.13
- IBOX (*Function*) 23.55
- IBOX (*record declaration*) 23.55
- icon 19.21
- ICON (*Window Property*) **19.31**
- ICONFN (*Window Property*) **19.31**
- ICONWINDOW (*Window Property*) **19.31**
- IconWindowMenu (*Variable*) **19.22**
- IconWindowMenuCommands (*Variable*)
19.22
- ID (*Variable*) 8.18
- (IDATE STR) **14.10**; 18.6
- (IDIFFERENCE x y) **2.38**
- (IEQP N M) **2.39**
- (IF x) (*Editor Command*) **17.46**
- (IF x COMS₁) (*Editor Command*) **17.47**
- (IF x COMS₁ COMS₂) (*Editor Command*)
17.47
- (IF EXPRESSION TEMPLA TE₁ TEMPLA TE₂)
(*in Masterscope template*) **13.18**
- IF-THEN- ELSE statements 4.4
- (IFPROP PROPNAM LITATOM₁
LITATOM_N) (*File Package Command*)
11.23; 11.30
- (IGEQ x y) **2.39**
- IGNORE (*Litatom*) 20.44
- (IGNOREDECL . VAL)
(*File Package Command*) **23.25**
- IGNOREMACRO (*Litatom*) 5.19
- (IGREATERP x y) **2.39**
- (ILEQ x y) **2.39**
- (ILESSP x y) **2.39**
- ILLEGAL ARG (*Error Message*) **9.24**; 2.9;
5.8; 6.4,43; 7.5
- ILLEGAL DATA TYPE (*Error Message*)
3.15

INDEX

- ILLEGAL DATA TYPE NUMBER
(*Error Message*) **9.25**
- ILLEGAL EXPONENTIATION
(*Error Message*) 2.45
- ILLEGAL GO (*Error Message*) **12.21**
- ILLEGAL INSTRUCTION (*Error Message*)
9.22
- ILLEGAL OR IMPOSSIBLE BLOCK
(*Error Message*) **9.24**; 22.20
- ILLEGAL READTABLE (*Error Message*)
9.25; 6.32-33,42
- ILLEGAL RETURN (*Error Message*) **9.22**;
12.21; 4.4
- ILLEGAL STACK ARG (*Error Message*)
9.23; 7.3
- ILLEGAL TERMINAL TABLE
(*Error Message*) **9.25**; 6.41-42
- IMAGEHEIGHT (*Menu Field*) **19.40**
- IMAGEWIDTH (*Menu Field*) **19.41**
- (IMAX $x_1 x_2 \dots x_N$) **2.39**
- (IMIN $x_1 x_2 \dots x_N$) **2.39**
- (IMINUS x) **2.38**
- IMMED (*type of read-macro*) 6.38
- IMMEDIATE (*type of read-macro*) 6.38
- (IMOD $x y$) **2.39**
- (IMPORTFILE FILE RETURNFL G) **11.29**
- (FN1 IN FN2) (*arg to BREAK0*) 10.4
- IN FORM (*I.S. Operator*) **4.7**
- IN OLD VAR (*I.S. Operator*) **4.8**
- ON OLD (VAR _FORM) (*I.S. Operator*) **4.8**
- IN OLD (VAR _FORM) (*I.S. Operator*)
4.8; 4.9,12
- IN (*in USE command*) 8.8
- IN EXPRESSION
(*Masterscope Set Specification*) **13.10**
- IN (*in EMBED command*) (*in Editor*)
17.28
- IN? (*Break Command*) **9.9**
- INCORRECT DEFINING FORM
(*Error Message*) 5.9
- incorrect number of arguments 5.3
- (INFILE FILE) **6.2**
- (INFILECOMS? NAME TYPE COMS
_) **11.32**
- (INFILEP FILE) **6.4**; 6.5
- INFIX (*type of read-macro*) 6.36
- in x operators in CLISP 16.5
- INFO (*Property Name*) **5.4**; 8.34;
16.14,17; 23.17
- INFOHOOK (*Process Property*) **18.36**; 18.27
- RELATIONING SET
(*Masterscope Set Specification*) **13.11**
- INIT (*in record declarations*) 3.9
- INITIALS (*Variable*) 17.60
- INITIALSLST (*Variable*) **17.60**
- (INITRECORDS REC ₁ REC _N)
(*File Package Command*) **11.25**; 3.8
- (INITVARS VAR ₁ VAR _N)
(*File Package Command*) **11.22**
- (INPUT FILE) **6.2**
- input bu er 6.15,19,46; 9.12; 22.2,11
- input functions 6.12
- (INREADMACROP) **6.38**
- (INSERT E₁ E_M FOR . @)
(*Editor Command*) **17.25**
- (INSERT E₁ E_M AFTER . @)
(*Editor Command*) **17.25**
- (INSERT E₁ E_M BEFORE . @)
(*Editor Command*) **17.25**
- INSIDE FORM (*I.S. Operator*) **4.8**
- (INSIDEP REGION x y) **19.3**
- (INSPECT OBJECT ASTYPE WHERE)
20.13
- INSPECT/ARRAY (*Function*) 20.15

INDEX

- INSPECTALLFIELDSFLG (*Variable*) **20.15**
- (INSPECTCODE FN) **20.14**
- INSPECTMACROS (*Variable*) 20.15
- Inspector 20.12
- (INSPECTW.CREATE DATUM
PR OPER TIES FETCHFN
STOREFN PR OPCOMMANDFN
VALUECOMMANDFN TITLECOMMANDFN
TITLE SELECTIONFN WHERE
PR OPPRINTFN) **20.16**
- (INSPECTW.REDISPLAY INSPECTW
PR OPER TY _) **20.17**
- (INSPECTW.REPLACE INSPECTW
PR OPER TY NEWV ALUE) **20.17**
- (INSPECTW.SELECTITEM INSPECTW
PR OPER TY VALUEFL G) **20.17**
- INSPECTWTITLE (*Property Name*) 20.17
- INSTRUCTIONS (*Litatom*) 5.19
- INTEGER (*record eld type*) 3.7
- integer arithmetic 2.38
- (INTEGERLENGTH N) **2.41**
- integers **2.38**; 2.1
- (INTENSITIESFROMCOLORMAP COL ORMAP)
19.46
- interfork communication 22.20
- interpreter 5.11
- INTERRUPT (*Function*) **22.1**; 22.11
- INTERRUPT (*Litatom*) 9.12
- interrupt characters **9.17**; 18.1; 22.1
- (INTERRUPTABLE FLA G) **9.18**
- (INTERRUPTABLEP) **9.18**
- (INTERRUPTCHAR CHAR TYP/F ORM
HARDFL G) **9.17**
- INTERRUPTED BEFORE
(*Printed by System*) 22.1
- (INTERSECTION X Y) **2.22**
- (INTERSECTREGIONS REGION 1 REGION 2
REGION N) **19.3**
- (IOFILE FILE) **6.2**
- (IPLUS x_1 x_2 x_N) **2.38**
- (IQUOTIENT X Y) **2.39**
- (IREMAINDER X Y) **2.39**
- SET IS SET (*Masterscope Command*) **13.5**
- ISTHERE (*I.S. Operator*) 4.15
- IT (*Variable*) **8.16**
- ITEMHEIGHT (*Menu Field*) **19.40**
- ITEMS (*Menu Field*) **19.39**
- ITEMWIDTH (*Menu Field*) **19.40**
- iterative statements 4.5
- (ITIMES x_1 x_2 x_N) **2.39**
- JFN 22.22-23
- (JFNS JFN AC3 STRPTR) **22.23**; 18.6
- JMACRO (*Property Name*) 5.17
- (JOB#) **23.60**
- JOIN FORM (*I.S. Operator*) **4.6**
- JOINC (*Editor Command*) **17.42**
- JS (*ASSEMBLE macro*) 23.54
- (JS JSYSNAME AC1 AC2 AC3 RESUL T)
23.53
- JSYS 22.22-23
- (JSYS N AC1 AC2 AC3 RESUL TAC) **22.6**
- JSYS ERROR (*Error Message*) **9.22**; 22.6
- (JSYSERROR ERR ORN) **23.54**
- JSYSES (*Variable*) 23.53
- (KEYACTION KEYNAME ACTIONS) **18.8**
- keyboard layouts 15.5,12
- (KEYDOWNP KEYNAME) **18.8**
- KEYLST (*ASKUSER argument*) 6.59
- KEYLST (*ASKUSER option*) 6.62
- KEYSETSTATE (*Macro*) 19.17

INDEX

- KEYSTRING (*ASKUSER option*) 6.63
 (KFORK FORK) **22.22**; 22.21
 KNOWN (*Masterscope Set Specification*)
13.11
 (KWOTE x) **5.11**
- (L-CASE x FLG) **2.11**; 17.41
 LABELS (*Litatom*) 16.17
 LABELST (*Variable*) 23.11
 LAMBDA (*Litatom*) **5.2**; 5.10; 22.3
 lambda functions **5.2**
 lambda- nospread functions **5.4**
 lambda- spread functions **5.2**
 LAMBDAOMS (*Variable*) **23.40**
 LAMBDAFONT (*font class*) 6.55
 LAMBDA SPLST (*Variable*) **15.12**; 5.7;
 15.8-9; 23.17
 lambdatran package 23.16
 LAMBDA TRANFNS (*Variable*) 23.17
 LAMS (*Variable*) **12.7**; 12.11
 LAP **22.15**; 12.1; 22.11
 LAP macros **22.17**; 22.13
 LAP op-defs 22.13
 LAP statements 22.15
 LAPFLG (*Variable*) 12.1
 large integers 2.1,36-37; 22.3
 LARGEST FORM (*I.S. Operator*) **4.7**
 LAST (*Argument to ADVISE*) 10.9
 (LAST x) **2.20**
 LASTAIL (*Variable*) **17.10**; 17.15,57
 (LASTC FILE) **6.15**
 LASTEXEC (*Variable*) 22.22
 LASTKEYBOARD (*Variable*) **19.18**
 LASTKEYSETSTATE (*Macro*) 19.17
- LASTMOUSEBUTTONS (*Variable*) **19.17**
 (LASTMOUSESTATE BUTTONF ORM)
 (*Macro*) **19.17**
 LASTMOUSETIME (*Variable*) **19.18**
 (LASTMOUSEX DISPLAYSTREAM) **19.18**
 LASTMOUSEX (*Variable*) **19.17**
 (LASTMOUSEY DISPLAYSTREAM) **19.18**
 LASTMOUSEY (*Variable*) **19.17**
 (LASTN L N) **2.20**
 LASTPOS (*Variable*) **9.3**; 9.4-6,8; 20.11
 LASTVALUE (*Property Name*) 17.39
 LASTWORD (*Variable*) **15.15**; 15.17-19;
 16.8; 17.55
 LBOX (*Function*) 23.54
 (LC . @) (*Editor Command*) **17.18**
 LCASELST (*Variable*) **6.53**
 LCFIL (*Variable*) 12.1-2
 (LCL . @) (*Editor Command*) **17.18**
 (LCONC PTR x) **2.18**
 LD (*Exec Command*) **23.59**
 LD ALL (*Exec Command*) **23.59**
 LD USERNAME (*Exec Command*) **23.59**
 (LDB BYTESPEC VAL) (*Macro*) **2.42**
 (LDIFF x y z) **2.22**
 LDIFF: NOT A TAIL (*Error Message*)
 2.22
 (LDIFFERENCE x y) **2.22**
 LE (*CLISP Operator*) **16.6**
 LEFT (*key indicator*) 19.17
 LEFTBRACKET (*Syntax Class*) 6.33
 LEFTKEY (*key indicator*) 19.17
 LEFTMIDDLEKEY (*key indicator*) 19.17
 (LEFTOFGRIDCOORD GRID X GRIDSPEC)
19.43
 LEFTPAREN (*Syntax Class*) 6.33

INDEX

- (LENGTH X) **2.21**
- (LEQ X Y) **2.45**
- (LESSP X Y) **2.45**
- (LI N) (*Editor Command*) **17.32**
- LIKE ATOM (*Masterscope Set Specification*)
13.10
- (LINBUF FLG) **6.47**; 6.46
- LINE (*Variable*) 20.44
- line bu er **6.45**; 6.46-47
- line-bu ering **6.45**; 6.13-15
- line-feed 6.13,16
- line-feed (*EDITA command*) 23.50
- line-feed (*Editor Command*) **17.13**
- LINEDELETE (*syntax class*) 6.41,43
- (LINELENGTH N FILE) **6.8**
- LINELENGTH N (*Masterscope Path Option*)
13.15
- LINESPERPAGE (*Variable*) **23.14**
- LINK USER (*Exec Command*) **23.59**
- linked function calls 12.18
- LINKEDFNS (*Variable*) 12.19
- LINKFNS (*Variable*) **12.18**; 12.15-16,19
- (LINKTOTTY TTY q) **23.61**
- (LINKTOUSER USER) **23.61**
- Lisp.virtualmem (*File*) 18.3
- LISPFN (*Property Name*) **16.22**
- LISPX Printing Functions 8.20
- (LISPX LISPXX LISPXID LISPXXMA CR OS
LISPXXUSERFN LISPXFLG) **8.28**;
8.10,16,26-27,29,36; 15.3,14,20;
17.39,45
- (LISPX/ X FN VARS) **8.34**; 8.22
- LISPXCOMS (*Variable*) 8.29; 11.25
- (LISPXEVAL LISPXFORM LISPXID) **8.29**
- (LISPXFIND HISTOR Y LINE TYPE BACKUP
_) **8.32**; 8.36
- LISPXFINDSPLST (*Variable*) 8.7
- LISPXHIST (*Variable*) **8.27**; 8.24,28,34
- LISPXHISTORY (*Variable*) **8.25**; 8.29,36
- LISPXHISTORYMACROS (*Variable*) **8.19**
- LISPXLINE (*Variable*) 8.19
- (LISPXMACROS LITATOM ₁ LITATOM _N)
(*File Package Command*) **11.24**
- LISPXMACROS (*File Package Type*) **11.15**
- LISPXMACROS (*Variable*) **8.19**; 8.29; 22.22
- (LISPXPRIN1 X Y Z NODOFL G) **8.20**
- (LISPXPRIN2 X Y Z NODOFL G) **8.20**
- (LISPXPRINT X Y Z NODOFL G)
8.20; 8.27
- (LISPXPRINTDEF EXPR FILE LEFT DEF
TAIL NODOFL G) **8.20**
- LISPXPRINTFLG (*Variable*) **8.21**
- (LISPXREAD FILE RDTBL) **8.31**;
8.4,16,26,28,35
- LISPXREADFN (*Variable*) **8.29**; 8.30
- (LISPXREADP FLG) **8.31**; 8.35
- (LISPXSPACES X Y Z NODOFL G) **8.20**
- (LISPXSTATS RETURNV ALUESFLG) **8.21**;
18.6
- (LISPXSTOREVALUE EVENT VALUE) **8.32**
- (LISPXTAB X Y Z NODOFL G) **8.20**
- (LISPXTERPRI X Y Z NODOFL G) **8.20**
- (LISPXUNREAD LST _) **8.31**
- LISPXUSERFN (*Variable*) **8.20**; 8.29
- LISPXVALUE (*Variable*) 8.20
- (LISPXWATCH STAT N) **8.21**; 18.6
- (LIST x₁ x₂ ... x_N) **2.16**
- LIST (*MAKEFILE option*) **11.7**
- LIST (*Property Name*) 5.10
- list cells **2.14**; 2.2
- list functions 2.16

INDEX

- (LISTFILES FILE₁ FILE₂ ... FILE_N)
11.9; 11.7
- LISTFILES1 (*Function*) 11.9
- LISTFILESTR (*Variable*) **6.57**; 11.10
- (LISTGET LST PR OP) **2.25**
- (LISTGET1 LST PR OP) **2.26**
- LISTING? (*Compiler Question*) 12.1
- LISTP checks (*in Pattern Match Compiler*)
23.2
- (LISTP x) **2.2**
- (LISTPUT LST PR OP VAL) **2.26**
- (LISTPUT1 LST PR OP VAL) **2.26**
- lists **2.14-15**
- (LITATOM x) **2.1**
- litatoms (literal atoms) **2.4**; 2.1; 6.13
- LITS (*Variable*) 23.50
- (LLSH x N) **2.40**
- (LO N) (*Editor Command*) **17.32**
- (LOAD FILE LDFL G PRINTFL G) **11.4**;
8.33; 12.10
- (LOAD? FILE LDFL G PRINTFL G) **11.4**
- (LOADAV) **22.5**; 18.6
- (LOADBLOCK FN FILE LDFL G) **11.6**
- (LOADBYTE N POSITION SIZE) **2.41**
- (LOADCOMP FILE LDFL G) **11.6**
- (LOADCOMP? FILE LDFL G) **11.6**
- (LOADDB FILE) **23.16**
- LOADDBFLG (*Variable*) 23.16
- (LOADDEF NAME TYPE SOUR CE) **11.18**
- LOADEDFILELST (*Variable*) **11.13**
- (LOADFNS FNS FILE LDFL G VARS) **11.5**
- (LOADFROM FILE FNS LDFL G) **11.6**;
12.13
- LOADOPTIONS (*Variable*) 11.4
- (LOADVARS VARS FILE LDFL G) **11.5**
- (LOC x) **22.5**
- LOCAL (*in Decl package*) 23.21
- local record declarations in CLISP 16.10
- local variables 4.3
- LOCALLY (*use in Masterscope*) 13.8
- (LOCALVARS VAR₁ ... VAR_N)
(*File Package Command*) **11.25**
- LOCALVARS (*in Masterscope Set Speci cation*)
13.11
- LOCALVARS (*Variable*) **12.4**
- location speci cation 17.17
- location specification (*in Editor*)
17.17; 17.18,46
- LOCATION UNCERTAIN (*Printed by Editor*)
17.10
- (LOCKMAP PTR) **14.19**
- (LOG x) **2.45**
- (LOGAND x₁ x₂ ... x_N) **2.40**
- (LOGIN HOSTNAME _ _ _) **18.14**
- LOGIN (*Property Name*) 23.63
- LOGINHOST/DIR (*Variable*) **18.12**
- (LOGNOT N) **2.41**
- logo window 19.19
- (LOGOR x₁ x₂ ... x_N) **2.40**
- (LOGOUT FAST) **14.2**; 22.22
- LOGOW (*Variable*) 19.19
- (LOGXOR x₁ x₂ ... x_N) **2.40**
- (LOOKUP.NS.SERVER NAME TYPE)
21.13
- (LOOKUPHASHFILE KEY VALUE HASHFILE
CALL TYPE) **23.44**
- LOWER (*Editor Command*) **17.41**
- (LOWER x) (*Editor Command*) **17.41**
- lower case 2.11
- lower case comments 6.52
- lower case in CLISP 16.21

INDEX

- lower case input 6.44
- (LOWERCASE FLG) **16.21**
- (LP COMS ₁ COMS _N) (*Editor Command*) **17.47**
- LPARKEY (*Variable*) **15.12**; 15.5
- (LPQ COMS ₁ COMS _N) (*Editor Command*) **17.47**
- LPT (*printer device*) 18.18
- (LRSH X N) **2.41**
- (LSH X N) **2.40**
- LSTFIL (*Variable*) 12.1
- LSTVARS (*Variable*) 4.14
- (LSUBST NEW OLD EXPR) **2.24**
- LT (*CLISP Operator*) **16.6**
- (M C COMS ₁ COMS _N) (*Editor Command*) **17.48**
- (M (C) ARG COMS ₁ COMS _M) (*Editor Command*) **17.49**
- (M (C) (ARG ₁ ARG _N) COMS ₁ COMS _M) (*Editor Command*) **17.48**
- machine instructions **22.15**; 22.16; 23.48
- (MACHINETYPE) **18.6**
- (MACRO . MA CR O) (*in Masterscope template*) **13.18**
- MACRO (*Property Name*) 11.12; 12.8
- MACRO (*type of read-macro*) 6.36
- Macro Expansion (*in Masterscope*) 13.15
- MACROCHARS (*ASKUSER option*) 6.63
- MACROPROPS (*Variable*) 5.17
- macros 5.17
- (MACROS LITATOM ₁ LITATOM _N) (*File Package Command*) **11.25**
- MACROS (*File Package Type*) **11.15**
- macros (*in Editor*) 17.48
- MACROTRAN (*Function*) **5.19**; 15.11
- MACSCRATCHSTRING (*Variable*) 14.10; 22.23
- (MAKE ARGNAME EXP) (*Editor Command*) **17.44**
- (MAKEBITTABLE L NEG A) **2.32**
- (MAKEFILE FILE OPTIONS REPRINTFNS SOURCEFILE) **11.6**; 11.10; 12.13; 15.20
- MAKEFILE and CLISP **16.20**
- MAKEFILEFORMS (*Variable*) **11.8**
- MAKEFILEOPTIONS (*Variable*) 11.7
- MAKEFILEREMAKEFLG (*Variable*) **11.10**; 11.7
- (MAKEFILES OPTIONS FILES) **11.8**
- (MAKEFN (FN . ACTUALARGS) ARGLIST N₁ N₂) (*Editor Command*) **17.44**
- (MAKEINTERPRESS FILE OUTFILE FONTS HEADING TABS) **18.17**
- (MAKEKEYLST LST DEFAULTKEY LCASEFLG _) **6.65**
- (MAKENEWCOM NAME TYPE _ _) **11.33**
- (MAKENEWCONNECTION HOST TYPE SKT SCRA TCHCONN WAITFLG) **23.64**
- (MAKEPRESS FILE OUTFILE FONTS HEADING TABS) **18.17**
- (MAKESYS FILE NAME) **14.4**
- MAKESYSDATE (*Variable*) 14.4
- manipulating le names 6.5
- (MAP MAPX MAPFN1 MAPFN2) **5.13**
- (MAP.PROCESSES MAPFN) **18.28**
- (MAP2C MAPX MAPY MAPFN1 MAPFN2) **5.14**
- (MAP2CAR MAPX MAPY MAPFN1 MAPFN2) **5.14**
- (MAPATOMS FN) **2.11**
- (MAPBUFFERCOUNT ONL YUNL OCKED) **14.18**
- (MAPC MAPX MAPFN1 MAPFN2) **5.13**

INDEX

- (MAPCAR MAPX MAPFN1 MAPFN2) **5.13**
- (MAPCON MAPX MAPFN1 MAPFN2) **5.13**
- (MAPCONC MAPX MAPFN1 MAPFN2) **5.13**
- (MAPDL MAPDLFN MAPDLPOS) **7.8**
- (MAPHASH HARRA Y MAPHFN) **2.35**
- (MAPHASHFILE HASHFILE MAPFN) **23.43**
- (MAPLIST MAPX MAPFN1 MAPFN2) **5.13**
- (MAPOFACOLOR PRIMARIES) **19.46**
- (MAPPAGE PAGE Q FILE _) **14.18**
- (MAPRELATION RELATION MAPFN) **13.20**
- (MAPRINT LST FILE LEFT RIGHT SEP
PFN LISPXPRINTFL G) **5.14**
- (MAPWORD FILEADR FILE) **14.19**
- margins (for PRETTYPRINT) **6.49**
- MARK (Editor Command) **17.21**
- (MARK LITATOM) (Editor Command)
17.21
- (MARKASCHANGED NAME TYPE REASON)
11.11
- MARKLST (Variable) **17.21; 17.57**
- MASK (Variable) **23.51**
- (MASK.0'S POSITION SIZE) **2.41**
- (MASK.1'S POSITION SIZE) **2.41**
- (MASTERSCOPE COMMAND _) **13.19**
- Masterscope Commands **13.4**
- MATCH (use in pattern match in CLISP)
23.1
- (MAX x_1 x_2 ... x_N) **2.45**
- MAX.FIXP (Variable) **2.38; 2.39**
- MAX.FLOAT (Variable) **2.43; 2.44**
- MAX.INTEGER (Variable) **2.38**
- MAX.SMALLP (Variable) **2.38**
- MaxBkMenuHeight (Variable) **20.11**
- MaxBkMenuWidth (Variable) **20.11**
- MAXINSPECTARRAYLEVEL (Variable)
20.15
- MAXINSPECTCDRLEVEL (Variable) **20.14**
- MAXLEVEL (Variable) **17.15; 17.17**
- MAXLOOP (Variable) **17.47**
- MAXLOOP EXCEEDED (Printed by Editor)
17.47
- (MBD E_1 ... E_M) (Editor Command)
17.28
- (MEMB X Y) **2.23**
- (MEMBER X Y) **2.23**
- (MEMQ VALUE $_1$... VALUE $_N$)
(Decl Type Expression) **23.26**
- (MEMSTAT PGI PGN FORK) **23.61**
- (MENU MENU POSITION) **19.38**
- MENUBORDERSIZE (Menu Field) **19.40**
- MENUBUTTONFN (Function) **19.38**
- MENUCOLUMNS (Menu Field) **19.40**
- MENUFONT (Menu Field) **19.39**
- MENUFONT (Variable) **19.22,40**
- MENUHELDWAIT (Variable) **19.39**
- (MENUITEMREGION ITEM MENU) **19.41**
- MENUOFFSET (Menu Field) **19.39**
- MENUOUTLINESIZE (Menu Field) **19.40**
- MENUPOSITION (Menu Field) **19.39**
- MENUROWS (Menu Field) **19.40**
- (MERGE A B COMP AREFN) **14.9**
- MERGE (Variable) **23.37**
- (MERGEINSERT NEW LST ONEFL G) **14.9**
- (METASHIFT FLG) **18.9**
- MIDDLE (key indicator) **19.17**
- MIDDLEKEY (key indicator) **19.17**
- MILLISECONDS (Timer Unit) **14.11**
- (MIN x_1 x_2 ... x_N) **2.45**
- MIN.FIXP (Variable) **2.38; 2.39**
- MIN.FLOAT (Variable) **2.43; 2.44**
- MIN.INTEGER (Variable) **2.38**

INDEX

- MIN.SMALLP (*Variable*) **2.38**
- (MINESHAFT N OUTFL G) **19.50**
- (MINFS N TYPE) **22.10**; 18.2; 22.8-9,11
- (MINHASH X) **22.11**
- (MINUS X) **2.44**
- (MINUSP X) **2.40,44**
- MISSING OPERAND (*DWIM error message*)
16.11
- MISSING OPERATOR
(*CLISP error message*) 16.0
- (MISSPELLED? XW ORD REL SPLST FLG
TAIL FN) **15.18**; 15.19-20
- mixed arithmetic 2.44
- (MKATOM X) **2.9**
- (MKLIST X) **2.16**
- (MKSTRING X FLG RDTBL) **2.28**
- (MKSWAP X) **22.26**
- (MKSWAPP FNAME CDEF) **22.26**
- MKSWAPSIZE (*Variable*) 22.26
- (MKUNSWAP X) **22.26**
- MODIFIER (*Litatom*) 4.15
- (MODIFY.KEYACTIONS KEY ACTIONS
SAVECURRENT?) **18.9**
- (MONITOR.AWAIT.EVENT RELEASELOCK
EVENT TIMEOUT TIMERP) **18.31**
- mouse 19.16
- (MOUSESTATE BUTTONFORM) (*Macro*)
19.16
- (MOVD FROM TO COPYFLG) **5.8**
- (MOVD? FROM TO COPYFLG) **5.9**
- (MOVE @₁ TO COM . @₂)
(*Editor Command*) **17.29**
- MOVE (*Window Menu Command*) **19.20**
- MOVEFN (*Window Property*) **19.32**
- (MOVETO X Y DISPLAYSTREAM) **19.12**
- (MOVETOFILE TOFILE NAME TYPE
FROMFILE) **11.33**
- (MOVETOUPPERLEFT DISPLAYSTREAM
REGION) **19.13**
- (MOVEW WINDOW POSorX Y) **19.26**
- MSMACROPROPS (*Variable*) **13.15**
- (MSMARKCHANGED FN TYPE REASON)
13.21
- (MSNEEDUNSAVE FNS MSG
MARK CHANGEFLG) **13.20**
- MSNEEDUNSAVE (*Variable*) 13.21
- MSPRINTFLG (*Variable*) 13.2
- (MULTIFILEINDEX SOURCEFILES
DESTINATIONFILE NEWPAGEFLG)
23.13
- MULTIFILEINDEXCOLS (*Variable*) **23.14**
- MULTIFILEINDEXFILECOL (*Variable*)
23.14
- MULTIFILEINDEXFILESFLG (*Variable*)
23.14
- MULTIFILEINDEXFNSMSFLG (*Variable*)
23.15
- MULTIFILEINDEXGETDEFFLG (*Variable*)
23.15
- MULTIFILEINDEXLOADVARSFLG (*Variable*)
23.15
- MULTIFILEINDEXMAPFLG (*Variable*)
23.14
- MULTIFILEINDEXNAMECOL (*Variable*)
23.14
- MULTIFILEINDEXTYPECOL (*Variable*)
23.14
- MULTIFILEINDEXVARSMSFLG (*Variable*)
23.15
- MULTIPLY DEFINED TAG (*Error Message*)
12.21
- MULTIPLY DEFINED TAG, ASSEMBLE
(*Error Message*) **12.21**
- MULTIPLY DEFINED TAG, LAP
(*Error Message*) **12.21**

INDEX

- N (N a number) (*PRINTOUT* command) 6.26-27
- N (N 1) (*Editor Command*) **17.10**
- N (N 1) (*Editor Command*) **17.10**
- (N) (N 1) (*Editor Command*) **17.3**
- (N E₁ E_M) (*Editor Command*) **17.22**
- (N E₁ E_M) (N 1) (*Editor Command*) **17.3**
- (-N E₁ E_M) (N 1) (*Editor Command*) **17.3**
- NAME (*Process Property*) 18.26
- NAME LITATOM EventSpec (*Prog. Asst. Command*) **8.12**
- NAME LITATOM ARG₁ ARG_N : EventSpec (*Prog. Asst. Command*) **8.12**
- NAME LITATOM (ARG₁ ARG_N) : EventSpec (*Prog. Asst. Command*) **8.12**; 8.13,27
- NAMES RESTORED (*Printed by System*) 10.7
- NAMESCHANGED (*Property Name*) 10.4
- (NARGS FN) **5.7**; 22.3
- NBOX (*Function*) 23.55-56
- (NCHARS X FLG RDTBL) **2.10**; 6.8
- (NCONC X₁ X₂ X_N) **2.17**; 2.18
- (NCONC1 LST X) **2.17**; 2.18
- (NCREATE TYPENAME FROM) **3.15**
- NDIR FILEGROUP (*Exec Command*) **23.60**
- NEGATE (*Editor Command*) **17.42**
- (NEGATE X) **14.2**; 17.42
- (NEQ X Y) **2.2**
- net package 23.64
- (NETSERVER ARP Aq WAITFLG) **23.64**
- (NETUSER HOST USER ARP Aq WAITFLG) **23.65**
- NETWORKOSTYPES (*Variable*) **18.14**
- NEVER FORM (*I.S. Operator*) **4.6**
- NEW (*MAKEFILE option*) **11.7**
- (NEW/FN FN) **8.34**
- NEWREGIONFN (*Window Property*) **19.31**
- NEWVALUE (*Variable*) 3.8
- NEX (*Editor Command*) **17.19**
- (NEX COM) (*Editor Command*) **17.19**
- NIL (*Editor Command*) **17.43**; 17.46
- NIL (*in Block Declarations*) 12.16
- NIL (*in Masterscope template*) **13.16**
- NIL (*Litatom*) 2.2,5
- NILCOMS (*Variable*) **11.9**
- (NILL) **5.10**
- NILNUMPRINTFLG (*Variable*) **6.22**
- NLAM (*Transorset Command*) **23.39**
- NLAMA (*Variable*) **12.7**
- NLAMBDA (*Litatom*) **5.2**; 22.3
- nlambda functions **5.2**
- nlambda- nospread functions **5.5**
- nlambda- spread functions **5.3**
- NLAML (*Variable*) **12.7**
- (NLEFT L N TAIL) **2.20**
- (NLISTP X) **2.2**
- NLISTPCOMS (*Variable*) **23.40**
- (NLSETQ FORM) **9.15**; 4.4; 8.24
- NLSETQGAG (*Variable*) **9.15**
- NO BINARY CODE GENERATED OR LOADED (*Error Message*) **12.22**
- (FN - NO BREAK INFORMATION SAVED) (*value of REBREAK*) 10.7
- NO DO, COLLECT, OR JOIN (*Error Message*) 4.13
- NO FILE PACKAGE COMMAND FOR (*Error Message*) 11.24

INDEX

- NO LONGER INTERPRETED
AS FUNCTIONAL ARGUMENT
(*Error Message*) 12.21
- NO PROPERTY FOR (*Error Message*)
11.23-24
- NO USERMACRO FOR (*Error Message*)
11.24
- NO VALUE SAVED: (*Error Message*) 8.24
- NOBIND (*Litatom*) **2.5**; 7.7; 8.23-24;
11.4; 17.55
- Nobox package 23.54
- NOBREAKS (*Variable*) 10.6
- NOCASEFLG (*ASKUSER option*) 6.62
- NOCLEARSTKLST (*Variable*) **7.7**
- NOCLISP (*MAKEFILE option*) **11.7**;
16.20
- NODIRCORE (*core device*) 18.13
- NOECHOFLG (*ASKUSER option*) 6.62
- NOESC (*type of read-macro*) 6.37
- NOESCQUOTE (*type of read-macro*) 6.37
- NOFILESPELLFLG (*Variable*) 15.20
- NOFIXFNSLST (*Variable*) **16.16**; 11.6;
12.9; 16.15
- NOFIXVARSLST (*Variable*) **16.16**; 11.6;
12.9; 16.12,15
- NOLINKDEF (*Function*) 12.19
- NOLINKFNS (*Variable*) **12.18**; 12.15-16,19
- NON-ATOMIC CAR OF FORM
(*Error Message*) **12.21**
- NON-NUMERIC ARG (*Error Message*) **9.23**;
2.38,43-44
- NONE (*in Decl package*) **23.25**
- NONE (*syntax class*) 6.42
- NONIMMED (*type of read-macro*) 6.38
- NONIMMEDIATE (*type of read-macro*) 6.38
- NOPACKCALLSFLG (*Variable*) 13.19
- NOPRINT (*Litatom*) 8.24
- NORAISE (*TENEX Command*) 6.44
- NORMALCOMMENTSFLG (*Variable*) **6.51**
- NOSAVE (*Function*) 8.33
- NOSAVE (*Litatom*) 8.24,33
- NOSPELLFLG (*Variable*) **15.12**; **16.16**
- nospread functions **5.2**
- NOSTACKUNDO (*Litatom*) 8.24
- NOSWAPFLG (*Variable*) 22.26
- NOSWAPFNS (*Variable*) 22.26
- (NOT x) **2.3**
- NOT A BINDABLE VARIABLE
(*Error Message*) **12.21**
- NOT A FUNCTION (*Error Message*) 5.7,10;
10.9
- NOT A HASHFILE (*Error Message*) 23.42
- NOT BLOCKED (*Printed by Editor*) 17.51
- (NOT BROKEN) (*value of UNBREAK0*)
10.6
- NOT CHANGED, SO NOT UNSAVED
(*Printed by Editor*) 17.54
- NOT COMPILEABLE (*Error Message*)
12.20; 12.10,15
- (FILE NOT DUMPED)
(*returned by MAKEFILE*) 11.8
- NOT EDITABLE (*Error Message*) 17.54-56
- NOT FOUND (*Error Message*) **12.20**
- (NOT FOUND) (*printed by BREAKIN*)
10.5
- (FN NOT FOUND) (*printed by break*) 9.4
- FILENAME NOT FOUND
(*printed by LISTFILES*) 11.9
- (PR OP NOT FOUND)
(*value of UNSAVEDEF*) 5.10
- (FN1 NOT FOUND IN FN2)
(*value of BREAK0*) 10.4
- NOT FOUND, SO IT WILL BE WRITTEN
ANEW (*Error Message*) 11.35

INDEX

- NOT IN FILE - USING DEFINITION IN
CORE (*Error Message*) **12.20**
- NOT ON BLKFNS (*Error Message*) **12.20**;
12.14,16
- NOT ON FILE, COMPILING IN CORE
DEFINITION (*Error Message*) 12.15
- (FN NOT PRINTABLE)
(*returned by PRETTYPRINT*) 6.48
- NOT-FOUND: (*Litatom*) 11.5
- (NOTANY SOMEX SOMEFN1 SOMEFN2)
5.14
- NOTCOMPILEDFILES (*Variable*) **11.10**;
11.6
- (NOTE VAL LSTFLG) **7.16**
- NOTE (*Transor Command*) 23.37
- NOTE (*Transorset Command*) **23.38**
- NOTE: BRKEXP NOT CHANGED.
(*Printed by Break*) 9.8
- (NOTEVERY EVER YX EVER YFN1
EVER YFN2) **5.14**
- NOTFIRST (*DECLARE: Option*) **11.27**
- (NOTHING FOUND)
(*value of UNSAVEDEF*) 5.10
- NOTHING SAVED (*Printed by Editor*)
17.50
- NOTHING SAVED (*Printed by System*)
8.22; 8.11
- noticing les 11.12
- (NOTIFY.EVENT EVENT ONCEONLY)
18.30
- NOTLISTEDFILES (*Variable*) **11.9**;
11.6; 23.14
- NOTTRACE SET (*Masterscope Path Option*)
13.15
- NS.DEFAULT.PRINTER (*Variable*) **21.11**;
18.17
- (NSCREATEDIRECTORY HOST/DIR) **21.13**
- (NSDIRECTORY PATTERN) **21.13**
- (NSOCKETEVENT NSOC) **21.22**
- (NSOCKETNUMBER NSOC) **21.22**
- (NSPRINT PRINTER
FILE.NAME DOCUMENT.NAME
DOCUMENT.CREA TION.DATE SENDER.NAME
RECIPIENT.NAME Q COPIES MEDIUM
PRIORITY STAPLE? TWO.SIDED?)
21.11
- (NSPRINTER.PROPERTIES PRINTER)
21.12
- (NSPRINTER.STATUS PRINTER) **21.12**
- (NTH N) (*Editor Command*) **17.12**
- (NTH COM) (*Editor Command*) **17.20**
- (NTH X N) **2.19**
- (NTHCHAR X N FLG RDTBL) **2.10**
- (NTHCHARCODE X N FLG RDTBL) **2.12**
- (NTYP DATUM) **22.2**
- (NULL X) **2.3**
- null string 2.28-30
- null-check 2.20-23,25
- (NUMBERP X) **2.2,37**
- numbers **2.36**; 2.2; 6.14
- (NUMFORMATCODE FORMAT SMASHCODE)
6.23
- NX (*Editor Command*) **17.11**
- (NX N) (*Editor Command*) **17.11**; 17.6
- (OBTAIN.MONITORLOCK LOCK DONTWAIT
UNWINDSAVE) **18.31**
- OCCURRENCES (*Printed by Editor*) 17.47
- octal **6.13**; 2.38; 6.17
- (OCTALSTRING N) **21.21**
- (ODDP X Y) **2.41**
- (AGGREGATE OF ELEMENT)
(*Decl Type Expression*) **23.27**
- BLOCKTYPE OF FUNCTIONS
(*Masterscope Set Speciation*) **13.11**
- OK (*Break Command*) **9.3**; 9.8

INDEX

- OK (*DEdit Command*) **20.6**
- OK (*display break command*) 20.10
- OK (*EDITA command*) 23.50
- OK (*Editor Command*) **17.38**; 17.41,56
- OK (*Masterscope Command*) 13.2
- OK (*Prog. Asst. Command*) 8.29
- OK TO REEVALUATE (*Printed by DWIM*) 15.6
- OKREEVALST (*Variable*) **15.12**; 15.6
- OLD (*I.S. Operator*) 4.8
- OLDVALUE (*Variable*) 9.21
- ON FORM (*I.S. Operator*) **4.8**
- ON OLD VAR (*I.S. Operator*) **4.8**; 4.9
- ON PATH PATHOPTIONS
(*Masterscope Set Specification*) **13.11**
- BLOCKTYPE ON FILES
(*Masterscope Set Specification*) **13.11**
- (ONEOF TYPE ₁ TYPE _N)
(*Decl Type Expression*) **23.26**
- OPCODE? - ASSEMBLE (*Error Message*) **12.22**; 22.13
- OPD (*Property Name*) **22.13**; 22.16-17; 23.48-49
- open functions 12.8
- (OPEN.NS.PRINTING.STREAM
PRINTER DOCUMENT.NAME
DOCUMENT.CREA TION.DATE
SENDER.NAME RECIPIENT.NAME
Q COPIES MEDIUM PRIORITY STAPLE?
TW O.SIDED? NO WATCHDOG?) **21.11**
- (OPENF FILE X) **22.23**; 18.6
- (OPENFILE FILE ACCESS
RECOG BYTESIZE
MA CHINE.DEPENDENT.P ARAMETERS) **6.1**
- OPENFN (*Window Property*) **19.30**
- (OPENHASHFILE FILE ACCESS) **23.42**
- opening les 6.1
- (OPENNSOCKET SKT Q IFCLASH) **21.22**
- (OPENP FILE ACCESS) **6.2**; 6.5
- (OPENPUPSOCKET SKT Q IFCLASH) **21.16**
- (OPENR A) **22.11**
- (OPENTEXTSTREAM TEXT WINDO W STAR T
END PR OPS) **20.24**
- (OPENW WINDO W) **19.26**
- (OPENWINDOWS) **19.25**
- (OPENWP WINDO W) **19.25**
- OPERATION (*BITBLT argument*) 19.5
- (OPNJFN FILE ACCESS) **22.22**; 18.6
- (OR X₁ X₂ X_N) **4.2**
- order of precedence of CLISP operators 16.9
- (ORF PATTERN ₁ PATTERN _N)
(*Editor Command*) **17.17**
- ORG (*Variable*) 23.49
- ORIG (*Litatom*) 6.32
- ORIGINAL (*Break Command*) **9.7**
- (ORIGINAL COMS ₁ COMS _N)
(*Editor Command*) **17.50**
- (ORIGINAL COM ₁ COM _N)
(*File Package Command*) **11.27**
- ORIGINAL I.S.OPR OPERAND
(*I.S. Operator*) **4.11**; 4.15
- (ORR COMS ₁ COMS _N)
(*Editor Command*) **17.48**
- OTHER (*Syntax Class*) 6.33
- (OUTFILE FILE) **6.2**
- (OUTFILEP FILE) **6.4**; 6.5
- OUTOF FORM (*I.S. Operator*) **4.10**; 7.14
- (OUTPUT FILE) **6.2**
- OUTPUT (*Masterscope Command*) 13.7
- output bu er 6.19
- OUTPUT FILE? (*Compiler Question*) 12.2
- output functions 6.16
- OUTPUTBUFFER (*Litatom*) 9.17

INDEX

- OVERFLOW (*Error Message*) **9.26**; 2.38
- (OVERFLOW FLG) **2.38**
- overlays 22.24
- P (*Editor Command*) **17.37**
- (P M) (*Editor Command*) **17.37**
- (P M N) (*Editor Command*) **17.37**
- (P O) (*Editor Command*) **17.37**
- (P O N) (*Editor Command*) **17.37**; 17.2
- (P EXP₁ EXP_N)
(*File Package Command*) **11.24**
- (PACK X) **2.9**
- (PACK* X₁ X₂ X_N) **2.9**
- (PACKC X) **2.12**
- (PACKFILENAME FIELDNAME₁
FIELDCONTENTS₁ FIELDNAME_N
FIELDCONTENTS_N) **6.6**
- page 22.7
- page holding 19.15
- page mapped les 14.17
- (PAGEFAULTS) **14.14**
- (PAGEFULLFN WINDO W) **19.33**
- PAGEFULLFN (*Window Property*) **19.33**
- (PAGEHEIGHT N) **19.15**
- PAINT (*Window Menu Command*) **19.20**
- PARENT (*Variable*) **15.11**
- parentheses counting by READ **6.13**; 6.45
- PARENTHESIS ERROR (*Error Message*)
5.11
- (PARSERELATION RELATION) **13.20**
- passwords package 23.62
- Path Options (in Masterscope) 13.14
- Paths (in Masterscope) 13.13
- PATLISTPCHECK (*Variable*) 23.2
- pattern match (*in Editor*) **17.13**; 17.57
- pattern match compiler 23.1
- PATVARDEFAULT (*in Pattern Match Compiler*)
23.6
- PATVARDEFAULT (*Variable*) 23.3-4
- PB (*Break Command*) **9.5**
- PB LITATOM (*Prog. Asst. Command*) **8.14**
- (PEEKC FILE RDTBL) **6.15**; 6.46
- period (in a list) 2.15
- PERMSTATUS (*Function*) **23.17**
- (PF FN FROMFILES TOFILE) **6.48**
- (PF* FN FROMFILES TOFILE) **6.50**
- PFDEFAULT (*Variable*) 6.49
- PL LITATOM (*Prog. Asst. Command*) **8.14**
- place-markers (*in Pattern Match Compiler*)
23.5
- (PLUS X₁ X₂ X_N) **2.44**
- PLVLFILEFLG (*Variable*) **6.19**
- POINTER (*as a eld speci cation*) 3.14
- POINTER (*record eld type*) 3.7
- (POP DATUM) (*Change Word*) **3.13**
- Pop (*DEdit Command*) **20.5**
- (PORTSTRING NETHOST SOCKET) **21.20**
- (POSITION FILE N) **6.7**
- (POSITIONP X) **19.2**
- (POSSIBILITIES FORM qq) **7.16**
- possibilities lists 7.16
- POSSIBLE NON-TERMINATING
ITERATIVE STATEMENT
(*Error Message*) 4.13
- POSSIBLE PARENTHESIS ERROR
(*Error Message*) 16.15
- POSTGREETFORMS (*Variable*) 14.6
- (POWEROFTWOP N) **2.41**
- PP (*Editor Command*) **17.37**; 17.2
- (PP FN₁ FN_N) **6.48**

INDEX

- PP* (*Editor Command*) **17.37**
- (PP* x) **6.50**
- PPE (*in Masterscope template*) **13.16**
- ppe (*used in Masterscope*) 13.16
- PPT (*Editor Command*) **17.37**; 16.14,20
- (PPT x) **16.20**; 16.14
- PPV (*Editor Command*) **17.37**; 6.49
- precedence rules for CLISP operators 16.6
- pre x operators in CLISP 16.5
- PREGREETFORMS (*Variable*) 14.6
- (PRESCAN FILE CHARLST) **23.32**
- (PRESSFILEP FILE) **18.18**
- PRESSTABSTOPS (*Variable*) 18.17
- PRETTYCOMFONT (*font class*) 6.55
- (PRETTYCOMPRINT x) **11.36**
- (PRETTYDEF PR TTYFNS PR TTYFILE
PR TTYCOMS REPRINTFNS
SOUR CEFILE CHANGES) **11.34**; 10.11
- PRETTYEQUIVLST (*Variable*) **6.54**
- PRETTYFLG (*Variable*) **6.54**; 11.7
- PRETTYHEADER (*Variable*) **11.36**; 11.35
- PRETTYLCOM (*Variable*) **6.53**; 6.54
- (PRETTYPRINT FNS PRETTYDEFL G _)
6.47
- prettyprinting by system functions 6.18
- PRETTYPRINTMACROS (*Variable*) **6.54**
- PRETTYPRINTYPEMACROS (*Variable*) **6.54**
- PRETTYTABFLG (*Variable*) **6.53**
- PRETTYTRANFLG (*Variable*) **16.20**;
11.7; 16.14
- primary input le **6.2**; 6.12
- primary output le **6.2**; 6.16
- primary readtable **6.32**; 6.12,16,42
- primary terminal table 6.40,42
- (PRIN1 x FILE) **6.17**; 6.18
- (PRIN2 x FILE RDTBL) **6.17**; 6.18
- PRIN2-names 2.8,10,12
- (PRIN3 x FILE) **6.17**
- (PRIN4 x FILE RDTBL) **6.17**
- (PRINT x FILE RDTBL) **6.17**; 6.18
- print names **2.8**
- (PRINTBELLS) **6.18**; **15.3**
- PRINTBINDINGS (*Function*) 8.14; 9.6
- (PRINTBITMAP BITMAP) **19.6**
- PRINTCODE (*Function*) 20.14
- (PRINTCOMMENT x) **6.51**
- (PRINTCONSTANT VAR CONST ANTLIST
FILE PREFIX) **21.21**
- (PRINTDATE FILE CHANGES) **11.35**
- (PRINTDEF EXPR LEFT DEF TAILFLG
FNSLST FILE) **6.49**; 6.54
- PRINTDEPTH (*Variable*) **23.12**
- PRINTER (*Variable*) **23.14**; 23.13
- (PRINTERDEVICE NAME) **18.18**
- (PRINTERMODE x) **18.16**
- (PRINTERSTATUS PRINTERNAME) **21.5**
- (PRINTFNS x _) **11.35**
- (PRINTHISTORY HISTOR Y LINE SKIPFN
NO VALUES FILE) **8.35**; 8.11
- printing circular lists 23.8
- printing numbers 6.19
- (PRINTINGHOST _) **18.16**
- (PRINTL ITEM DEPTH LMAR G RMAR G
FILE) **23.12**
- (PRINTLEVEL CAR VAL CDR VAL) **6.18**
- PRINTLEVEL (*Litatom*) 9.17
- PRINTMSG (*Variable*) **9.16**
- (PRINTNUM FORMA T NUMBER FILE) **6.21**
- PRINTOUT (*CLISP word*) 6.25
- PRINTOUTMACROS (*Variable*) **6.30**

INDEX

- (PRINTPACKET PACKET CALLER FILE
PRE.NOTE DOFILTER) **21.24**
- (PRINTPACKETDATA BASE OFFSET
MA CRO LENGTH FILE) **21.20**
- (PRINTPARA LMAR G RMAR G LIST P2FLAG
PARENFLAG FILE) **6.31**
- PRINTPROPS (*Function*) 8.14
- (PRINTPUP PACKET CALLER FILE
PRE.NOTE DOFILTER) **21.19**
- (PRINTPUPROUTE PACKET CALLER FILE)
21.20
- (PRINTROUTINGTABLE TABLE SORT
FILE) **21.17**
- PRINTXIP (*Function*) 21.23
- PRINTXIPROUTE (*Function*) 21.23
- private pages 14.4
- (PRNTL ARGS) (*Prog. Asst. Command*)
23.12
- PROCESS (*Window Property*) **19.33**; 18.34
- Process Mechanism 18.25
- (PROCESS.APPLY PROC FN ARGS
WAITFORRESULT) **18.29**
- (PROCESS.EVAL PROC FORM
WAITFORRESULT) **18.29**
- (PROCESS.EVALV PROC VAR) **18.29**
- (PROCESS.FINISHEDP PROCESS) **18.28**
- (PROCESS.RESULT PROCESS
WAITFORRESULT) **18.28**
- (PROCESS.RETURN VALUE) **18.28**
- (PROCESS.STATUS.WINDOW WHERE)
18.36
- (PROCESSP PROC) **18.28**
- (PROCESSPROP PROC PROPN NEWVALUE)
18.26
- (PROCESSWORLD FLG) **18.25**
- (PRODUCE VAL) **7.13**
- (PROG VARLIST E₁ E₂ E_N) **4.3**
- PROG label 4.4
- (PROG1 X₁ X₂ X_N) **4.3**
- (PROG2 X₁ X₂ X_N) **4.3**
- (PROGN X₁ X₂ X_N) **4.3**
- programmer's assistant and the editor 8.35
- programmer's assistant commands applied
to p.a. commands 8.17
- programmer's assistant commands that
fail 8.17
- prompt character 8.4,18,31; 9.1; 17.1
- prompt window 19.19
- PROMPT#FLG (*Variable*) **8.18**; 8.31
- (PROMPTCHAR ID FLG HISTORY) **8.31**;
8.18,35
- PROMPTCHARFORMS (*Variable*) **8.18**; 8.31
- PROMPTCONFIRMFLG (*ASKUSER option*)
6.62
- (PROMPTFORWARD PROMPT.STR
CANDIDATE.STR GENERATE?LIST.FN
ECHO.CHANNEL DONTCHOTYPEIN.FLG
TIMELIMIT.secs TERMINCHARS.LST
KEYBD.CHANNEL OLDSTRING)
18.37-38
- PROMPTON (*ASKUSER option*) 6.63
- (PROMPTPRINT EXP) **19.19**
- PROMPTSTR (*Variable*) 8.18
- PROMPTWINDOW (*Variable*) **19.19**; 18.34
- (PROP PROPNAME LITATOM₁
LITATOM_N) (*File Package Command*)
11.23; 11.30
- PROP (*in Masterscope template*) **13.16**
- PROP (*Litatom*) **5.9**
- PROP (*Printed by Editor*) 17.54
- PROPCOMMANDFN (*Property Name*) 20.17
- proper tail 2.19
- PROPERTIES (*Property Name*) 20.17
- property lists **2.6**
- property name **2.6**; 2.7
- property value **2.6**; 2.7

INDEX

- (PROPNames ATM) **2.7**
- PROPPrintFN (*Property Name*) 20.17
- PROPRECORD (*Record Type*) **3.6**
- (PROPS (LITATOM ₁ PR OPNAME ₁)
(LITATOM _N PR OPNAME _N))
(*File Package Command*) **11.24**
- PROPS (*File Package Type*) **11.15**
- PROPTYPE (*Property Name*) **11.15**; 11.12
- PROTECTION VIOLATION (*Error Message*)
9.25
- PRXFLG (*Variable*) **6.20**
- pseudo- carriage return **8.26**
- PSTEP (*Function*) 22.14
- PSTEPN (*Function*) 22.19
- PUPIgnoreTypes (*Variable*) **21.18**
- (PUPNET.DISTANCE NET q) **21.17**
- PUPONLYTYPES (*Variable*) **21.18**
- PUPPRINTMACROS (*Variable*) **21.19**
- (PUPSOCKETEVENT PUPSOC) **21.16**
- (PUPSOCKETNUMBER PUPSOC) **21.16**
- (PUPTRACE FLG REGION) **21.19**
- PUPTRACEFILE (*Variable*) **21.18**
- PUPTRACEFLG (*Variable*) **21.18**
- PUPTRACETIME (*Variable*) **21.19**
- (PUSH DATUM ITEM ₁ ITEM ₂)
(*Change Word*) **3.13**
- pushdown list **7.10**; 5.4; 7.1
- (PUSHLIST DATUM ITEM ₁ ITEM ₂)
(*Change Word*) **3.13**
- (PUSHNEW DATUM ITEM) (*Change Word*)
3.13
- (PUTASSOC KEY VAL ALST) **2.25**
- (PUTCHARBITMAP CHAR CODE FONT
NEW CHARBITMAP) **19.10**
- (PUTD FN DEF _) **5.8**; 22.3
- (PUTDEF NAME TYPE DEFINITION) **11.17**
- (PUTDQ FN DEF) **5.8**
- (PUTDQ? FN DEF) **5.8**
- (PUTHASH KEY VAL HARRA Y) **2.35**
- (PUTHASHFILE KEY VALUE HASHFILE)
23.42
- (PUTPROP ATM PR OP VAL) **2.7**
- (PUTPROPS ATM PR OP ₁ VAL ₁ PR OP _N
VAL _N) **11.38**
- (PUTPUPBYTE PUP BYTE q VALUE) **21.18**
- (PUTPUPSTRING PUP STR) **21.18**
- (PUTPUPWORD PUP W ORD q VALUE)
21.17
- Q (*Editor Command*) **17.44**
- Q (*following a number*) **6.13**; 2.38; 6.17,19
- QU (*Exec Command*) **23.59**
- QUIT (*TENEX Command*) **22.21**; 22.22
- (QUOTE x) **5.11**
- (QUOTIENT x y) **2.45**
- (R x y) (*Editor Command*) **17.35**; 17.5
- (R1 x y) (*Editor Command*) **17.36**
- (RADIX N) **6.19**; 6.13,17
- RAID (*Litatom*) 9.17
- RAISE (*Editor Command*) **17.41**
- (RAISE x) (*Editor Command*) **17.41**
- (RAISE FLG TTBL) **6.44**
- RAISE (*TENEX Command*) 6.44
- (RAND LOWER UPPER) **2.46**
- (RANDACCESSP FILE) **6.9**
- random numbers 2.46
- randomly accessible les 6.8
- (RANDSET x) **2.46**
- RASTEROP (*Function*) 19.4
- (RATEST FLG) **6.14**

INDEX

- (RATOM FILE RDTBL) **6.14**; 6.34,46
- (RATOMS A FILE RDTBL) **6.14**
- (RC X Y) (*Editor Command*) **17.36**
- RC (*MAKEFILE option*) **11.7**
- (RC1 X Y) (*Editor Command*) **17.36**
- (READ FILE RDTBL FLG) **6.13**; 6.46
- read-macro characters 6.34
- READ-MACRO CONTEXT ERROR
(*Error Message*) **9.25**; 6.38
- read-macro options 6.37
- read-macros 6.36
- (READBITMAP) **19.6**
- READBUF (*Variable*) **8.29**; 8.31
- (READC FILE RDTBL) **6.15**; 6.46
- (READCOMMENT FL RDTBL LST) **6.51**
- (READFILE FILE) **6.24**
- reading from strings 6.12
- (READLINE RDTBL _ _) **8.30**;
8.17,20,26,28,31,35; 17.52
- (READMACROS FLG RDTBL) **6.39**
- (READP FILE FLG) **6.15**
- (READTABLEP RDTBL) **6.32**
- readtables **6.32**; 6.12,16
- READVICE (*Property Name*) 10.10-11
- (READVISE X) **10.10**; 10.11; 11.24
- (REALFRAMEP POS INTERPFL G) **7.5**
- (REALSTKNTH N POS INTERPFL G
OLDPOS) **7.5**
- REANALYZE SET (*Masterscope Command*)
13.5
- (REBREAK X) **10.6**; 10.3
- (RECLAIM) **18.2**
- (RECLAIM TYPE) **22.9**; 22.8
- (RECLAIMMIN N) **18.2**
- RECLAIMWAIT (*Variable*) **18.2**
- (RECLOOK RECORDNAME _ _ _
_) **3.11**
- (RECOMPILE PFILE CFILE FNS) **12.11**;
11.8; 12.16
- RECOMPILEDEFAULT (*Variable*) 12.12,18
- reconstruction (*in Pattern Match Compiler*)
23.6
- RECORD (*in Masterscope template*) **13.17**
- RECORD (*Record Type*) **3.5**
- record declarations **3.5**
- record declarations in CLISP 16.11
- record package 3.1
- record-type (*Record Package*) 3.5
- (RECORDACCESS FIELD DATUM DEC TYPE
NEWV ALUE) **3.11**
- (RECORDFIELDNAMES RECORDNAME)
3.11
- (RECORDS REC₁ REC_N)
(*File Package Command*) **11.25**;
3.1,7
- RECORDS (*File Package Type*) **11.16**
- REDEFINE? (*Compiler Question*) 12.1
- (FN REDEFINED) (*printed by system*)
5.9
- REDISPLAY (*Window Menu Command*)
19.20
- (REDISPLAYW WINDO W REGION
ALWAYSFLG) **19.27**
- REDO EventSpec (*Prog. Asst. Command*)
8.7
- REDO EventSpec N TIMES
(*Prog. Asst. Command*) **8.7**
- REDO EventSpec UNTIL FORM
(*Prog. Asst. Command*) **8.7**
- REDO EventSpec WHILE FORM
(*Prog. Asst. Command*) **8.7**; 8.27
- REDOCNT (*Variable*) 8.7
- REFERENCE (*Masterscope Relation*) **13.8**
- REFLST (*Variable*) 23.11

INDEX

- REGION (*Window Property*) **19.33**; 19.23
- (REGIONSINTERSECTP REGION1
REGION2) **19.3**
- (REHASH OLDHARRA Y NEWHARRA Y) **2.35**
- (REHASHFILE HASHFILE) **23.43**
- SET RELATION SET
(*Masterscope Command*) **13.5**
- Relations (in Masterscope) 13.7
- (RELBLK ADDRESS N) **22.20**; 9.24; 18.6
- (RELDRAWTO DX DY WIDTH OPERA TION
DISPLAYSTREAM COL OR) **19.13**
- (RELEASE.MONITORLOCK LOCK) **18.32**
- (RELEASE.PUP PUP) **21.15**
- (RELEASE.XIP XIP) **21.21**
- releasing stack pointers 7.10
- (RELINK FN) **12.19**
- relinking 12.19-20
- (RELMOVETO DX DY DISPLAYSTREAM)
19.12
- (RELMOVEW WINDO W POSITION) **19.27**
- relocation information (in Interlisp-10
arrays) **2.33**
- (RELPROCESSP PR OCHANDLE) **18.28**
- (RELSTK POS) **7.7**; 7.10
- (RELSTKP X) **7.7**
- (REMAINDER X Y) **2.45**
- REMAKE (*MAKEFILE option*) **11.7**
- remaking a le 11.10
- REMARK (*Transor Command*) 23.37
- REMEMBER EventSpec (*Prog. Asst. Command*)
8.13
- (REMOVE X L) **2.27**
- (REMPROP ATM PR OP) **2.7**
- (REMPROPLIST ATM PR OPS) **2.7**
- (RENAME OLD NEW TYPES FILES
METHOD) **11.19**
- (RENAMEFILE OLDFILE NEWFILE) **6.3**
- REPACK (*Editor Command*) **17.41**
- (REPACK @) (*Editor Command*) **17.41**
- REPAINTFN (*Window Property*) **19.32**
- REPEAT EventSpec (*Prog. Asst. Command*)
8.7
- REPEAT EventSpec UNTIL FORM
(*Prog. Asst. Command*) **8.7**
- REPEAT EventSpec WHILE FORM
(*Prog. Asst. Command*) **8.7**
- REPEATUNTIL FORM (*I.S. Operator*) **4.10**
- REPEATUNTIL N (N a number)
(*I.S. Operator*) **4.10**
- REPEATWHILE FORM (*I.S. Operator*) **4.10**
- Replace (*DEdit Command*) **20.4**
- (REPLACE @ BY E₁ E_M)
(*Editor Command*) **17.25**
- (REPLACE @ WITH E₁ E_M)
(*Editor Command*) **17.25**
- REPLACE (*in Masterscope template*) **13.17**
- REPLACE (*in record package*) 16.7
- REPLACE (*Masterscope Relation*) **13.9**
- REPLACE (*Record Operator*) **3.1**
- REPLACE UNDEFINED FOR FIELD
(*Error Message*) 3.8
- (REPLACEFIELD DESCRIPTOR DATUM
NEWV ALUE) **3.15**
- replacements (*in Pattern Match Compiler*)
23.6
- Reprint (*DEdit Command*) **20.5**
- REREADFLG (*Variable*) 8.31-32
- (VARIABLE RESET) (*Printed by System*)
8.23
- (RESET) **9.14**; 9.20
- RESET (*Litatom*) 9.17
- (RESET.INTERRUPTS PERMITTEDINTERR UPTS
SAVECURRENT?) **9.18**

INDEX

- (RESETBUFS FORM 1 FORM 2 FORM N)
6.47
- (RESETDEDIT) **20.2**
- (RESETFORM RESETFORM FORM 1 FORM 2
FORM N) **9.20**
- RESETFORMS (*Variable*) **8.19**; 6.8
- (RESETLST FORM 1 FORM N) **9.19**
- (RESETREADTABLE RDTBL FROM) **6.33**
- (RESETSAVE X Y) **9.19**
- RESETSTATE (*Variable*) 9.20; 18.33
- (RESETTERMTABLE TTBL FROM) **6.41**
- (RESETUNDO X STOPFLAG) **8.25**; 9.21
- (RESETVAR VAR NEWVALUE FORM)
9.20; 12.4
- (RESETVARS VARSLST E1 E2
EN) **9.20**
- RESETVARSLST (*Variable*) 18.3
- (RESHAPEBYREPAINTFN WINDOW
OLDIMAGE OLDREGION) **19.33**
- RESHAPEFN (*Window Property*) **19.31**
- resourceName RESOURCE (*I.S. Operator*)
14.12
- RESPONSE (*Variable*) 14.13
- (RESTART.ETHER) **21.15**
- (RESTART.PROCESS PROC) **18.28**
- RESTARTABLE (*Process Property*) 18.26
- (RESUME FROMPTR TOPTR VAL) **7.15**
- (RETAPPLY POS FN ARGS FLAG _) **7.6**
- (RETEVAL POS FORM FLAG _) **7.6**; 15.6
- RETFNS (*in Masterscope Set Specification*)
13.11
- RETFNS (*Variable*) **12.13**; 12.15-16
- (RETFROM POS VAL FLAG) **7.6**
- RETRIEVE LITATOM
(*Prog. Asst. Command*) **8.12**; 8.20,27
- RETRY EventSpec (*Prog. Asst. Command*)
8.8; 8.27
- (RETTO POS VAL FLAG) **7.7**
- RETURN (*ASKUSER option*) 6.62
- RETURN FORM (*Break Command*) **9.3**
- (RETURN X) **4.4**
- RETURN (*in iterative statement*) 4.11
- RETURN (*in Masterscope template*) **13.17**
- return link 7.2
- RETURNS (*in Decl package*) **23.21**;
23.19,23
- RETYPE (*syntax class*) 6.41
- REUSING (*Record Package*) 3.3
- reusing stack pointers 7.10
- (REVERSE L) **2.27**
- REVERT (*Break Command*) **9.6**
- revert (*display break command*) 20.10
- (RGBP X) **19.45**
- (RI N M) (*Editor Command*) **17.32**
- RIGHT (*key indicator*) 19.17
- RIGHTBRACKET (*Syntax Class*) 6.33
- RIGHTBUTTONFN (*Window Property*) **19.30**
- RIGHTKEY (*key indicator*) 19.17
- RIGHTMIDDLEKEY (*key indicator*) 19.17
- RIGHTPAREN (*Syntax Class*) 6.33
- (RINGBELLS) **18.6**
- (RLJFN JFN) **22.23**; 18.6
- (RLPRIN1 LIST) **23.10**
- (RLPRIN2 LIST) **23.10**
- (RLRESTORE LIST) **23.11**
- (RO N) (*Editor Command*) **17.32**
- root name of a le 11.3
- ROOTFILENAME (*Function*) 11.3,13
- (ROT X N FIELD SIZE) **2.42**
- (ROTATECOLORMAP COLORMAP
STARTCOLOR THRCOLOR) **19.46**

INDEX

- (ROTATEIT BEGINCOL OR ENDCOL OR WAIT) **19.50**
- (RPAQ VAR VALUE) **11.37**; 8.23; 11.4
- (RPAQ? VAR VALUE) **11.38**; 11.4
- (RPAQQ VAR VALUE) **11.37**; 8.23; 11.4,35
- RPARKEY (*Variable*) **15.12**; 15.5
- (RPLACA X Y) **2.15**
- (RPLACD X Y) **2.14**
- (RPLCHARCODE X N CHAR CODE) **2.30**
- (RPLNODE X A D) **2.15**
- (RPLNODE2 X Y) **2.15**
- (RPLSTRING X N Y) **2.30**
- (RPT N FORM) **5.12**
- (RPTQ N FORM ₁ FORM ₂ FORM N) **5.12**
- (RSH X N) **2.40**
- (RSTRING FILE RDTBL) **6.14**
- RUBOUT (*Litatom*) 9.17
- run-on spelling corrections 15.3,18-19
- running other subsystems from within Interlisp 22.21
- RUNONFLG (*Variable*) **15.12**; 15.18
- S LITATOM @ (*Editor Command*) **17.22**
- S (*Response to Compiler Question*) 12.2
- (SASSOC KEY ALST) **2.25**
- (TYPE (SATISFIES FORM ₁ FORM N)) (*Decl Type Expression*) **23.27**
- SATISFIES (*in Decl package*) 23.19
- SAV/ING cursor 18.4
- SAVE (*Editor Command*) **17.38**; 17.40,56-57
- SAVE EXPRS? (*Compiler Question*) 12.1
- SAVEDBFLG (*Variable*) 23.16
- (SAVEDEF FN) **5.9**
- (SAVEDEF NAME TYPE DEFINITION) **11.18**; 5.10
- (SAVEPUT ATM PR OP VAL) **11.38**
- (SAVESET NAME VALUE TOPFL G FLG) **8.24**; 8.23
- SAVESETQ (*Function*) 8.23
- SAVESETQQ (*Function*) 8.23
- (SAVEVM _) **18.4**
- SAVEVM (*Window Menu Command*) **19.21**
- SAVEVMMAX (*Variable*) **18.4**
- SAVEVMWAIT (*Variable*) **18.4**
- (SCODEP X) **22.26**
- SCRATCHCOLLECT (*I.S. Operator*) 23.54
- (SCRATCHLIST LST X₁ X₂ X_N) **14.2**
- (SCREENBITMAP) **19.4**; 19.18-19
- (SCREENCOLORMAP NEW COL ORMAP) **19.46**
- SCREENWIDTH (*Variable*) 19.12
- (SCROLL.HANDLER WINDO W) **19.24**
- SCROLLBARWIDTH (*Variable*) 19.23-24
- (SCROLLBYREPAINTFN WINDO W DEL TAX DEL TAY CONTINUOUSFL G) **19.24**
- SCROLLFN (*Window Property*) **19.31**; 19.23-24
- (SCROLLW WINDO W DEL TAX DEL TAY CONTINUOUSFL G) **19.23**
- SCROLLWAITTIME (*Variable*) 19.23-24
- search algorithm (*in Editor*) 17.15
- searching les 6.9
- searching strings 2.31
- SEARCHING... (*Printed by BREAKIN*) 10.5
- (SEARCHPDL SRCHFN SRCHPOS) **7.8**
- second pass (*of the compiler*) 22.11
- SECONDS (*Timer Unit*) 14.11
- SEE FILE OUTFILE BYTESIZE (*Exec Command*) **23.60**

INDEX

- segment patterns
(in Pattern Match Compiler) 23.3
- (SELCHARQ E CLA USE₁ CLA USE_N
DEFAULT) 2.13
- SELECTABLEITEMS (Property Name)
20.17
- (SELECTC X CLA USE₁ CLA USE₂
CLA USE_K DEFAULT) 4.3
- SELECTIONFN (Property Name) 20.17
- (SELECTQ X CLA USE₁ CLA USE₂
CLA USE_K DEFAULT) 4.2
- (SENDPUP PUPSOC PUP) 21.16
- (SENDXIP NSOC XIP) 21.22
- SEPARATE SET (Masterscope Path Option)
13.15
- separator characters 6.34; 6.14,46
- (SEPRCASE CLFLG) 6.10
- SEPRCHAR (Syntax Class) 6.33
- (SET VAR VALUE) 2.5
- SET (in Masterscope template) 13.16
- SET (Masterscope Relation) 13.8
- Set Specifications (in Masterscope) 13.10
- (SET.TTYINEDIT.WINDOW WINDOW) 20.40
- (SETA A N V) 2.33-34
- (SETARG VAR M X) 5.4
- (SETATOMVAL ATM VALUE) 2.6
- (SETBLIPVAL BLIPTYP IPOS N VAL) 7.12
- (SETBRK LST FLG RDTBL) 6.35
- (SETCASEARRAY CASEARRA Y FROMCODE
TOCODE) 6.10
- (SETCOLORINTENSITY COL ORMAP
COL ORNUMBER COL ORSPEC) 19.46
- (SETCURSOR NEW CURSOR _) 19.16
- (SETD A N V) 2.34
- SETDECLTYPEPROP (Function) 23.29
- (SETDISPLAYHEIGHT NSCANLINES) 18.22
- (SETERRORN NUM MESS) 9.14
- (SETFILEINFO FILE ATTRIB VALUE) 6.7
- (SETFILEPTR FILE ADR) 6.9
- SETFN (Property Name) 16.22
- (SETFONTDESCRIPTOR FAMILY SIZE FACE
ROTATION DEVICE FONT) 19.9
- SETINITIALS (Variable) 17.60
- (SETLINELENGTH N) 6.8
- (SETN VAR X) 22.5; 22.3
- (SETPROPLIST ATM LST) 2.8
- (SETQ VAR VALUE) 2.5
- SETQ (in an ASSEMBLE statement)
22.14
- (SETQQ VAR VALUE) 2.5
- SETREADFN (Function) 20.37
- (SETREADMACROFLG FLG) 6.38
- (SETREADTABLE RDTBL FLG) 6.32
- Sets (in Masterscope) 13.10
- (SETSBSIZE N) 22.26; 9.25
- (SETSEPR LST FLG RDTBL) 6.35
- (SETSTKARG N POS VALUE) 7.5
- (SETSTKARGNAME N POS NAME) 7.5
- (SETSTKNAME POS NAME) 7.4
- (SETSYNONYM PHRASE MEANING _) 13.20
- (SETSNTAX CHAR CLASS TABLE) 6.34
- (SETTEMPLATE FN TEMPLATE) 13.19
- (SETTERMCHARS NEXTCHAR BK CHAR
LASTCHAR UNQUOTECHAR 2CHAR
PPCHAR) 17.59; 14.4; 17.13
- (SETTERMTABLE TTBL) 6.41
- (SETTIME DATE & TIME) 18.7
- (SETTOPVAL VAR VALUE) 2.5

INDEX

- (SETTYPEDESCRIPTION TYPE STRING)
22.2
- (SETUPPUP PUP DESTHOST DESTSOCKET
TYPE ID SOC REQUEUE) **21.17**
- (SETUPTIMER INTER VAL OLDTIMER?
TIMER UNITS INTER VAL UNITS) **14.11**
- (SETUPTIMER.DATE DTS OLDTIMER?)
14.11
- (SETWORDCONTENTS PTR N) **14.19**
- (SHADEGRIDBOX X Y SHADE
OPERATION GRIDSPEC GRIDBORDER
DISPLAYSTREAM) **19.42**
- (SHADEITEM ITEM MENU SHADE DSOR W)
19.41
- SHALL I LOAD (*printed by DWIM*) 15.8
- shallow binding **7.1**; 2.6; 12.4
- SHAPE (*Window Menu Command*) **19.20**
- (SHAPEW WINDOW NEWREGION) **19.26**
- (SHARED TYPE) (*Decl Type Expression*)
23.27
- shared pages 14.4
- SHH FORM (*Prog. Asst. Command*) **8.14**
- SHOULD BE A SPECVAR (*Error Message*)
12.20
- SHOULD_COMPILE_MACROATOMS (*Variable*)
5.19
- Shouldn't happen! (*Error Message*)
9.14
- (SHOULDN'T MESS) **9.14**
- (SHOW X) (*Editor Command*) **17.47**
- SHOW PATHS PATHOPTIONS
(*Masterscope Command*) **13.5**
- SHOW WHERE SET RELATION SET
(*Masterscope Command*) **13.6**
- SHOW (*Transorset Command*) **23.36**
- SHOW PATHS (*Masterscope Command*)
13.13
- (SHOW.CLEARINGHOUSE) **21.12**
- (SHOWCOLORTESTPATTERN BARSIZE)
19.50
- (SHOWDEF NAME TYPE FILE) **11.18**
- SHOWPARENFLG (*Variable*) **20.43**
- (SHOWPRIN2 X FILE RDTBL) **6.17**;
8.11,35
- (SHOWPRINT X FILE RDTBL) **6.17**;
7.8; 9.5-6
- SHRINK (*Window Menu Command*) **19.21**
- SHRINKFN (*Window Property*) **19.30**
- (SHRINKW WINDOW TO WHAT
ICONPOSITION EXPANDFN) **19.27**
- SIDE (*History List Property*) **8.27**; 8.33-35
- SIDE (*Property Name*) 8.28
- (SIN X RADIANSFLG) **2.46**
- single-stepping a program 17.45
- (SINGLEFILEINDEX FILE OUTPUTFILE
NEWPAGEFLG) **23.13**
- SKOR (*Function*) 15.16
- (SKREAD FILE REREADSTRING) **6.16**
- small integers 2.1,36
- SMALLEST FORM (*I.S. Operator*) **4.7**
- (SMALLP X) **2.1,37**
- (SMARTARGLIST FN EXPLAINFLG TAIL)
5.7
- SMASH (*in Masterscope template*) **13.16**
- SMASH (*Masterscope Relation*) **13.8**
- (SMASHFILECOMS FILE) **11.34**
- SMASHING (*Record Package*) 3.3
- SMASHPROPS (*Variable*) 14.14
- SMASHPROPSLIST (*Variable*) 14.14
- SMASHPROPSMENU (*Variable*) 14.13
- SNAP (*Window Menu Command*) **19.21**
- (SOME SOMEX SOMEFN1 SOMEFN2) **5.14**

INDEX

- SORRY, I CAN'T PARSE THAT
(*Error Message*) 13.15
- SORRY, NO FUNCTIONS HAVE BEEN
ANALYZED (*Error Message*) 13.15
- SORRY, THAT ISN'T IMPLEMENTED
(*Error Message*) 13.15
- (SORT DATA COMP AREFN) **14.8**
- (SORT.PUPHOSTS.BY.DISTANCE HOSTLIST)
21.17
- SOURCETYPE (*BITBLT argument*) 19.5
- SP (*in an ASSEMBLE statement*) 22.14
- (SPACES N FILE) **6.17**
- spaghetti stacks 7.2
- (SPAWN.MOUSE _) **18.36**
- SPECIAL (*in Decl package*) 23.21
- (SPECVARS VAR₁ VAR_N)
(*File Package Command*) **11.25**
- SPECVARS (*in Masterscope Set Speciation*)
13.11
- SPECVARS (*Variable*) **12.4**; 9.20; 12.15-16
- (SPELLFILE FILE NOPRINTFL G NSFL G
DIRLST) **15.20**; 6.5; 9.17,24
- spelling completion 15.13
- spelling correction **15.13**; 8.7,29; 9.12;
11.22,27; 16.6,19; 17.52-53,55
- spelling correction on le names 15.20
- spelling correction on hash les 23.44
- spelling correction protocol 15.3
- spelling corrector **15.13**; 15.1,16
- spelling lists **15.14**; 4.5; 8.7,29;
9.12; 11.4,22,27; 14.7; 15.8-9;
16.6,19; 17.52-53,55
- SPELLINGS1 (*Variable*) **15.14**; 15.10,15,17
- SPELLINGS2 (*Variable*) **15.14**;
15.9-10,15,17
- SPELLINGS3 (*Variable*) **15.14**; 8.24;
15.8,17
- SPLICE (*type of read-macro*) 6.36
- (SPLITC x) (*Editor Command*) **17.42**
- (SPP.CLOSE STREAM ABOR T?) **21.6**
- (SPP.DSTYPE STREAM DSTYPE) **21.7**
- (SPP.EOFP STREAM) **21.7**
- (SPP.EOMP STREAM) **21.7**
- (SPP.FLUSH STREAM) **21.6**
- (SPP.OPEN HOST SOCKET PR OBEP
NAME) **21.6**
- (SPP.READP STREAM) **21.7**
- (SPP.SENDEOM STREAM) **21.6**
- SPP.USER.TIMEOUT (*Variable*) **21.6**
- spread functions **5.2**
- spreading arguments 5.2
- (SQRT N) **2.45**
- SQRT OF NEGATIVE VALUE
(*Error Message*) 2.45
- square brackets inserted by PRETTYPRINT
6.53
- ST (*Response to Compiler Question*) 12.2
- stack descriptor 7.3
- stack functions 7.3
- STACK OVERFLOW (*Error Message*) **9.22**;
7.10; 18.35
- STACK OVERFLOW IN GC -
COMPUTATION LOST (*Error Message*)
9.22
- stack pointer 7.3
- STACK POINTER HAS BEEN RELEASED
(*Error Message*) 7.4
- STACK PTR HAS BEEN RELEASED
(*Error Message*) **9.24**
- (STACKP x) **7.7**
- (START.CLEARINGHOUSE REST AR TFL G)
21.12
- statistics 8.21
- STF (*Response to Compiler Question*) 12.2
- (STKAPPLY POS FN AR GS FLG _) **7.6**

INDEX

- (STKARG N POS _) **7.5**; 9.5
- (STKARGNAME N POS) **7.5**
- (STKARGS POS _) **7.6**
- (STKEVAL POS FORM FLG _) **7.6**; 9.5
- (STKNAME POS) **7.4**
- (STKNARGS POS _) **7.5**
- (STKNTH N POS OLDPOS) **7.4**
- (STKNTHNAME N POS) **7.4**
- (STKPOS NAME N POS OLDPOS) **7.4**
- (STKSCAN VAR IPOS OPOS) **7.5**
- STOP (*at the end of a le*) 6.25; 11.4
- stop (*DEdit Command*) **20.6**
- STOP (*Editor Command*) **17.38**; 10.5; 17.41,56-57
- (STORAGE FLG GCFL G) **14.1**
- STORAGE (*Litatom*) 9.17
- storage allocation 22.7
- STORAGE FULL (*Error Message*) **9.24**; 18.35
- STOREFN (*Property Name*) 20.17
- STREAM (*datatype*) 18.12
- (STREQUAL X Y) **2.28**
- STRF (*Variable*) **12.1**; 12.11
- string functions 2.28
- string pointer **2.28**
- string pointers 2.29
- STRINGDELIM (*Syntax Class*) 6.33
- (STRINGP X) **2.2**
- (STRINGREGION STR WINDO W PRIN2FL G RDTBL) **19.9**
- strings **2.27**; 2.2; 6.13
- (STRINGWIDTH STR FONT PRIN2FL G RDTBL) **19.9**
- (STRPOS PAT STRING STAR T SKIP ANCHOR TAIL) **2.31**; 6.9
- (STRPOSL A STR STAR T NEG) **2.31**
- structure modification (*in Changetran*) 3.12
- structure modification commands (*in Editor*) 17.22
- (SUB1 X) **2.39**
- (SUBATOM X N M) **2.9**
- subdeclarations (*Record Package*) 3.10
- (SUBLIS ALST EXPR FLG) **2.24**
- (SUBPAIR OLD NEW EXPR FLG) **2.24**
- SUBR (*Litatom*) **5.6**
- SUBR (*Property Name*) 5.10
- SUBR* (*Litatom*) **5.6**; 5.7
- (SUBREGIONP LAR GEREGION SMALLREGION) **19.3**
- (SUBRP FN) **5.6**; 22.3
- SUBRs **5.5**
- (SUBSET MAPX MAPFN1 MAPFN2) **5.14**
- (SUBST NEW OLD EXPR) **2.23**
- (SUBSTRING X N M OLDPTR) **2.29**
- (SUBSYS FILE/FORK INCOMFILE OUTCOMFILE ENTR YPOINTFL G) **22.21**; 18.6
- (SUBTYPES TYPE) **23.30**
- subtypes (*in Decl package*) 23.25
- SUCHTHAT (*I.S. Operator*) 4.15
- SUCHTHAT (*in event address*) 8.6
- SUM FORM (*I.S. Operator*) **4.6**
- (SUPERTYPES TYPE) **23.30**
- supertypes (*in Decl package*) 23.25
- SURROUND (*Editor Command*) 17.28
- SUSPEND (*Process Property*) 18.26
- (SUSPEND.PROCESS PR OC) **18.29**
- SUSPICIOUS PROG LABEL (*Error Message*) 16.15
- SVFLG (*Variable*) 12.1-2

INDEX

- (SW N M) (*Editor Command*) **17.36**
- (SWAP DATUM ₁ DATUM ₂) (*Change Word*) **3.13**
- Swap (*DEdit Command*) **20.5**
- (SWAP @₁ @₂) (*Editor Command*) **17.36**
- SWAPBLOCK TOO BIG FOR BUFFER (*Error Message*) **9.25**
- SWAPC (*Editor Command*) **17.42**
- swappable array 22.24
- swapping bu er 22.24
- (SWAPPUPPOTS PUP) **21.17**
- Switch (*DEdit Command*) **20.4**
- SWPARRAYP (*datatype*) 22.25
- (SWPARRAYP x) **22.25**
- SY (*Exec Command*) **23.59**
- symbols 2.4
- SYMLST (*Variable*) 23.51
- synonyms 15.13
- syntax classes **6.33**
- (SYNTAXP CODE CLASS TABLE) **6.34**
- (SYSBUF FLG) **6.46**; 6.47
- SYSFILES (*Variable*) 11.4
- SYSHASHARRAY (*Variable*) 2.35-36
- SYSHASHFILE (*Variable*) 23.42
- (SYSIN FILE) **14.4**
- SYSLINKEDFNS (*Variable*) 12.19
- SYSLOAD (*LOAD option*) **11.4**; 15.8
- (SYSOUT FILE) **14.3**
- sysout le 14.2
- SYSOUT.EXT (*Variable*) 14.3
- SYSOUTDATE (*Variable*) 14.3
- SYSOUTFILE (*Variable*) 14.3
- SYSOUTGAG (*Variable*) **14.4**
- (SYSOUTP FILE) **14.4**
- SYSPRETTYFLG (*Variable*) **6.17**; 7.8; 8.11,35; 9.5-6
- SYSPROPS (*Variable*) **2.6**; 11.23
- system bu er **6.45**; 6.46
- SYSTEM ERROR (*Error Message*) **9.22**
- SYSTEMFONT (*font class*) 6.55
- (SYSTEMTYPE) **14.1**
- T (*Litatom*) 2.5
- T (*PRINTOUT command*) 6.27
- T FIXED (*Printed by DWIM*) 15.6
- tab (*EDITA command*) 23.49
- (TAB POS MINSP ACES FILE) **6.17**
- TAIL (*Variable*) **15.11**
- tail of a list 2.19
- (TAILP x y) **2.19**
- TALK USER (*Exec Command*) **23.59**
- (TAN x RADIANSFL G) **2.46**
- (TCOMPL FILES) **12.11**; 12.12,16-17
- (TCONC PTR x) **2.17**; 2.18
- (TEDIT TEXT WINDO W DONTSP AWN PR OPS) **20.20**
- TEDIT.ABBREVS (*Variable*) 20.31
- (TEDIT.ADD.MENUITEM MENU ITEM) **20.26**
- TEDIT.AFTERQUITFN (*Window Property*) **20.27**
- TEDIT.BLUE.PENDING.DELETE (*Variable*) **20.29**
- TEDIT.CMD.CHARFN (*Window Property*) **20.27**
- TEDIT.CMD.LOOPFN (*Window Property*) **20.27**
- TEDIT.CMD.SELFN (*Window Property*) **20.27**
- TEDIT.DEFAULT.FMTSPEC (*Variable*) **20.29**

INDEX

- TEDIT.DEFAULT.FONT (*Variable*) **20.29**
- TEDIT.DEFAULT.MENU (*Variable*) **20.28**
- TEDIT.DEFAULT.MENUFN (*Function*) **20.28**
- (TEDIT.DELETE STREAM CH *q* or SEL LEN) **20.25**
- (TEDIT.FIND STREAM TEXT CH *q*) **20.25**
- (TEDIT.GETSEL STREAM) **20.25**
- (TEDIT.GETSYNTAX CHAR CODE TABLE) **20.30**
- (TEDIT.HARDCOPY STREAM FILE DONTSEND BREAKP AGETITLE) **20.25**
- (TEDIT.INSERT STREAM TEXT CH *q* or SEL) **20.25**
- (TEDIT.LOOKS STREAM NEWL OOKS SEL OR CH *q* LEN) **20.25**
- TEDIT.MENU (*Window Property*) **20.28**
- TEDIT.MENU.COMMANDS (*Window Property*) **20.28**
- TEDIT.MOVESELECTION (*Variable*) **20.29**
- TEDIT.OVERFLOWFN (*Window Property*) **20.27**
- TEDIT.POSTSCROLLFN (*Window Property*) **20.27**
- TEDIT.PRESCROLLFN (*Window Property*) **20.27**
- (TEDIT.QUIT STREAM VALUE) **20.26**
- TEDIT.QUITFN (*Window Property*) **20.27**
- TEDIT.READTABLE (*Variable*) **20.29**
- (TEDIT.REMOVE.MENUITEM MENU ITEM) **20.27**
- TEDIT.SELECTION (*Variable*) **20.29**
- (TEDIT.SETFUNCTION CHAR CODE FN TABLE) **20.30**
- (TEDIT.SETSEL STREAM CH *q* or SEL LEN POINT) **20.25**
- (TEDIT.SETSYNTAX CHAR CODE CLASS TABLE) **20.29**
- TEDIT.SHIFTEDSELECTION (*Variable*) **20.29**
- (TEDIT.SHOWSEL STREAM ONFL G SEL) **20.25**
- TEDIT.TITLEMENUFN (*Window Property*) **20.28**
- TEDIT.WORDBOUND.READTABLE (*Variable*) **20.29; 20.30**
- (TEDIT.WORDGET CHAR TABLE) **20.30**
- (TEDIT.WORDSET CHAR CLASS TABLE) **20.30**
- (TELNET CONNECTION TYPE SKT _) **23.62**
- telnet package **23.62**
- (TEMPLATES LITATOM ₁ LITATOM _N) (*File Package Command*) **11.25**
- TEMPLATES (*File Package Type*) **11.16**
- Templates (in Masterscope) **13.16**
- (TENEX STR FILEFL G) **22.6**
- terminal **6.2,13,50; 8.30; 17.38**
- terminal syntax classes **6.41**
- terminal tables **6.40**
- (TERMTABLEP TTBL) **6.41**
- (TERPRI FILE) **6.17**
- TEST (*Editor Command*) **17.51**
- TEST (*in Masterscope template*) **13.16**
- TEST (*Masterscope Relation*) **13.8**
- TEST (*Transorset Command*) **23.36**
- TESTFORM (*Variable*) **23.37**
- (TESTRELATION ITEM RELATION ITEM2 INVER TED) **13.20**
- TESTRETURN (*in Masterscope template*) **13.17**
- TEXTOBJ (*Window Property*) **20.28**
- TEXTSTREAM (*Window Property*) **20.28**
- (TEXTUREP OBJECT) **19.6**
- Textures **19.6**

INDEX

- THE (*in Decl package*) 23.23
 THEN (*in Decl package*) 23.22
 THEREIS FORM (*I.S. Operator*) **4.6**
 (THIS.PROCESS) **18.27**
 THOSE (*Masterscope Set Specification*)
 13.11
 (@₁ THRU) (*Editor Command*) **17.34**
 (@₁ THRU @₂) (*Editor Command*) **17.32**
 THRU (*I.S. Operator*) 4.15
 THRU (*in event specification*) 8.6
 TICKS (*Timer Unit*) 14.11
 (TIME TIMEX TIMEN TIMETYPE) **14.14**;
 14.15
 time stamps **17.60**; 5.9
 time-slice of history list **8.25**; 8.18
 (TIMEALL TIMEFORM QTIMES TIMEWHA T
 INTERPFL G _) **18.22**
 (TIMEREXPIRED? TIMER
 CLOCKVALUE.OR.TIMER UNITS) **14.11**
 timers **14.11**
 timerUnits UNITS (*I.S. Operator*) **14.12**
 (TIMES x₁ x₂ x_N) **2.45**
 TIMES (*use with REDO*) 8.7
 TITLE (*Menu Field*) **19.40**
 TITLE (*Window Property*) **19.32**
 (@₁ TO) (*Editor Command*) **17.34**
 (@₁ TO @₂) (*Editor Command*) **17.32**
 TO FORM (*I.S. Operator*) **4.8**; 4.9
 TO (*in event specification*) 8.6
 TO SET (*Masterscope Path Option*) **13.14**
 too few arguments 5.3
 too many arguments 5.3
 TOO MANY ARGUMENTS (*Error Message*)
 9.26
 TOO MANY FILES OPEN (*Error Message*)
 9.23
 TOO MANY USER INTERRUPT
 CHARACTERS (*Error Message*) **9.25**
 TOP (*Argument to ADVISE*) 10.9
 top level binding 11.37
 TOTOPFN (*Window Property*) **19.30**
 (TOTOPW WINDO W NOCALL TOPWFN)
 19.26
 (TRACE x) **10.4**; 9.2,12; 10.1,5-6
 TRACEREGION (*Variable*) **20.11**
 TRACEWINDOW (*Variable*) **20.11**
 translation notes (*in TRANSOR*) 23.32-33
 translations in CLISP 16.13
 (TRANSMIT.ETHERPACKET NDB PACKET)
 21.24
 (TRANSOR FILE) **23.33**; 23.31
 TRANSOR sweep 23.39
 (TRANSORFNS FNLST) **23.33**
 (TRANSORFORM FORM) **23.33**
 TRANSORSET (*Function*) **23.35**; 23.32
 TRAP AT LOCATION (*Error Message*)
 9.22; 22.6
 TREAT AS CLISP ? (*Printed by DWIM*)
 16.12
 TREATASCLISPFLG (*Variable*) 16.12
 TREATED AS CLISP (*Printed by DWIM*)
 16.12
 (TRUE) **5.11**
 TRUSTING (*DWIM mode*) **15.3**; 15.2;
 16.3-4,12
 (TRYNEXT PLST qq ENDF ORM qq
 VAL qq) **7.16**
 (TTY#) **23.60**
 (TTY.PROCESS PROC) **18.33**
 (TTY.PROCESSP PROC) **18.33**
 TTY: (*Editor Command*) **17.40**; 10.5;
 17.38,48
 TTY: (*Printed by Editor*) 17.40

INDEX

- (TTYDISPLAYSTREAM DISPLAYSTREAM)
19.15
- TTYENTRYFN (*Process Property*) **18.34**;
18.27
- TTYEXITFN (*Process Property*) **18.34**;
18.27
- (TTYIN PROMPT SPLST HELP OPTIONS
ECHOTOFILE TABS UNREADBUF
RDTBL) **20.38**; 20.31
- (TTYIN.PRINTARGS FN AR GS ACTUALS
AR GTYPE) **20.41**
- TTYIN.READ?=ARGS (*Function*) 20.41
- (TTYIN.SCRATCHFILE) **20.41**
- TTYIN?=FN (*Variable*) **20.41**
- TTYINAUTOCLOSEFLG (*Variable*) **20.40**
- TTYINBSFLG (*Variable*) **20.43**
- TTYINCOMPLETEFLG (*Variable*) **20.44**
- (TTYINEDIT EXPRS WINDO W PRINTFN)
20.40
- TTYINEDITWINDOW (*Variable*) **20.40**
- TTYINERRORSETFLG (*Variable*) **20.43**
- TTYINMAILFLG (*Variable*) **20.43**
- TTYINMETA (*Function*) 20.33
- TTYINPRINTFN (*Variable*) **20.40**
- TTYINREAD (*Function*) 20.37
- TTYINREADMACROS (*Variable*) **20.42**
- TTYINRESPONSES (*Variable*) **20.43-44**
- TTYJUSTLENGTH (*Variable*) 20.36
- TTYLINELENGTH (*Variable*) 6.8
- (TUNNEL SPEED) **19.50**
- TV (*Prog. Asst. Command*) 20.37
- TY FILE OUTFILE BYTESIZE
(*Exec Command*) **23.60**
- TYPE (*Masterscope relation*) 23.31
- type declarations 23.18
- type description 22.2
- type names 2.1
- type numbers 22.2
- TYPE-AHEAD (*Prog. Asst. Command*) **8.15**
- TYPE-IN? (*Variable*) **15.11**
- TYPE? (*in record declarations*) 3.9
- TYPE? (*Record Operator*) **3.4**
- TYPE? (*Record Package*) 3.5; 23.24
- TYPE? NOT IMPLEMENTED FOR THIS
RECORD (*Error Message*) 3.4
- TYPEAHEADFLG (*Variable*) **20.43**; 20.40
- (TYPENAME DATUM) **2.1**
- (TYPENAMEFROMNUMBER N) **22.2**
- (TYPENAMEP DATUM TYPENAME) **2.1**
- (TYPENUMBERFROMNAME NAME) **22.2**
- (TYPEP DATUM N) **22.2**
- TYPERECORD (*Record Type*) **3.5**
- types (in Masterscope) 13.12
- (TYPESOF NAME POSSIBLETYPES
IMPOSSIBLETYPES SOUR CE) **11.17**
- U (*value of ARGLIST*) 5.7
- (U-CASE x) **2.11**; 17.41
- (U-CASEP x) **2.11**
- U.D.F. T (*Printed by DWIM*) 15.5
- UB (*Break Command*) **9.3**
- UCASELST (*Variable*) **6.53**
- (UGLYVARS VAR₁ VAR_N)
(*File Package Command*) **11.25**; 6.24
- UNABLE TO ALLOCATE PMAP BUFFER
(*Error Message*) 14.18
- UNABLE TO DWIMIFY (*Error Message*)
12.9
- (UNADVISE x) **10.10**; 10.9,11
- UNADVISED (*Printed by System*) 10.7
- UNARYOP (*Property Name*) **16.21**
- UNBLOCK (*Editor Command*) **17.51**

INDEX

- unbound atom 2.5; 15.6
- UNBOUND ATOM (*Error Message*) **9.25**; 2.5
- unboxed numbers 22.5
- unboxed numbers (in Interlisp-10 arrays) **2.33**
- unboxing **2.37**; 22.5
- (UNBREAK x) **10.6**; 10.4; 14.15
- (UNBREAK0 FN _) **10.6**
- (FN UNBREAKABLE) (*value of BREAKIN*) 10.5
- (UNBREAKIN FN) **10.6**
- UNBROKEN (*Printed by ADVISE*) 10.9
- UNBROKEN (*Printed by Compiler*) 12.10
- UNBROKEN (*Printed by System*) 10.7
- UND FILEGR OUP (*Exec Command*) **23.60**
- UNDEFINED CAR OF FORM (*Error Message*) **9.25**
- undefined function 15.6
- undefined function (*Error Message*) **9.25**; 15.1
- UNDEFINED OR ILLEGAL GO (*Error Message*) **9.23**; 4.4
- UNDEFINED TAG (*Error Message*) **12.21**; 5.20
- UNDEFINED TAG, ASSEMBLE (*Error Message*) **12.21**
- UNDEFINED TAG, LAP (*Error Message*) **12.21**
- UNDEFINED USER INTERRUPT (*Error Message*) 9.17
- Undo (*DEdit Command*) **20.5**
- UNDO (*Editor Command*) **17.7**
- (UNDO EventSpec) (*Editor Command*) **17.50-51**; 8.35
- UNDO EventSpec (*Prog. Asst. Command*) **8.11**
- UNDO EventSpec : x_1 x_N (*Prog. Asst. Command*) **8.11**; 8.6,23,27,34-35; 15.3
- undoing **8.22**; 8.36
- undoing (*in Editor*) **17.50**; 8.36; 17.7,22
- undoing DWIM corrections **8.11**; 16.15
- undoing out of order **8.23**; 8.11
- (UNDOLISPX LINE) **8.34**
- (UNDOLISPX1 EVENT FLG _) **8.34**
- UNDOLST (*Variable*) **17.50**; 8.36; 17.38-39,51,57
- UNDONE (*Printed by Editor*) 17.50
- UNDONE (*Printed by System*) 8.11,34
- (UNDONLSETQ UNDOF ORM _) **8.24**
- (UNDOSAVE UNDOF ORM HISTENTR Y) **8.33**; 8.28
- UNFIND (*Variable*) **17.21**; 17.15,25,27-31,38-39,44,57
- (UNION X Y) **2.23**
- (UNIONREGIONS REGION ₁ REGION ₂ REGION _n) **19.3**
- UNLESS FORM (*I.S. Operator*) **4.10**
- (UNLOCKMAP PTR) **14.20**
- (UNMARKASCHANGED NAME TYPE) **11.12**
- (UNPACK X FLG RDTBL) **2.10**
- (UNPACKFILENAME FILENAME _) **6.5**
- unreading 8.4,31
- UNSAFEMACROATOMS (*Variable*) 5.19
- UNSAVED (*Printed by DWIM*) 15.8-9
- (UNSAVEDEF FN PR OP) **5.10**
- (UNSAVEDEF NAME TYPE _) **11.18**; 15.8-9
- (UNSAVEFNS _) **13.21**
- (UNSET NAME) **8.24**; 8.23
- UNTIL FORM (*I.S. Operator*) **4.10**
- UNTIL N (N a number) (*I.S. Operator*) **4.10**

INDEX

- UNTIL (*use with REDO*) 8.7
- untilDate DTS (*I.S. Operator*) **14.12**
- (UNTILMOUSESTATE BUTTONF ORM
INTER VAL) (*Macro*) **19.17**
- UNUSUAL CDR ARG LIST (*Error Message*)
9.24
- UP (*Editor Command*) **17.8-9**; 17.10,15,26
- (UPDATECHANGED) **13.21**
- (UPDATEFILES _ _) **11.14**
- (UPDATEFN FN EVENIFV ALID _) **13.21**
- updating les 11.14
- UPFINDFLG (*Variable*) **17.27**; 17.15,17
- USE (*Masterscope Relation*) **13.8**
- USE AS A FIELD (*Masterscope Relation*)
13.9
- USE AS A RECORD (*Masterscope Relation*)
13.9
- USE AS A CLISP WORD
(*Masterscope Relation*) **13.9**
- USE AS A PROPERTY NAME
(*Masterscope Relation*) **13.9**
- USE EXPRS IN EventSpec
(*Prog. Asst. Command*) **8.8**
- USE EXPRS FOR AR GS IN EventSpec
(*Prog. Asst. Command*) **8.8**
- USE EXPRS ₁ FOR AR GS ₁ AND
AND EXPRS _N FOR AR GS _N
IN EventSpec (*Prog. Asst. Command*)
8.8-9; 8.26-27
- USE-ARGS (*History List Property*) **8.27**
- USED AS ARG TO NUMBER FN?
(*Error Message*) **12.21**
- USED BLKAPPLY WHEN NOT APPLICABLE
(*Error Message*) **12.20**
- USEDFREE (*CLISP declaration*) 12.10;
16.15
- USEDIN (*in Decl package*) 23.21,23
- USEMAPFLG (*Variable*) **11.39**
- USER BREAK (*Error Message*) **9.25**
- user de ned printing 6.23
- user interrupt characters **9.17**
- (USERDATATYPES) **3.15**
- (USEREXEC LISPXID LISPXXMA CR OS
LISPXXUSERFN) **8.29**
- USERFONT (*font class*) 6.55
- USERINTERRUPTS (*Variable*) 9.17
- (USERLISPXPRINT X FILE Z NODOFL G)
8.21
- (USERMACROS LITATOM ₁ LITATOM _N)
(*File Package Command*) **11.24**;
17.50,52
- USERMACROS (*File Package Type*) **11.15**
- USERMACROS (*Variable*) **17.50**; 11.24
- (USERNAME A FLG) **14.1**
- USERNOTES (*Variable*) 23.39
- (USERNUMBER A FLG) **22.6**; 18.6
- USERRECORDTYPE (*Property Name*) 3.10
- USERSYMS (*Variable*) 23.51
- USERWORDS (*Variable*) **15.15**; 15.17,19-20;
17.55-56
- USING (*Record Package*) 3.3
- usingTimer TIMER (*I.S. Operator*) **14.12**
- (VAG x) **22.5**
- VALUE (*Property Name*) 8.23-24
- VALUE (*Variable*) 23.20
- value cell **7.1**; 2.6
- value of a break **9.2**
- VALUE OUT OF RANGE EXPT
(*Error Message*) 2.45
- VALUECOMMANDFN (*Property Name*) 20.17
- (VALUEOF LINE) **8.16**; 8.28; 22.22
- variable bindings **7.1**; 5.15
- variable number of arguments 5.2

INDEX

- (VARIABLES POS) **7.5**; 9.6
- (VARS VAR₁ VAR_N)
(File Package Command) **11.22**
- VARS (File Package Type) **11.15**
- VARTYPE (Property Name) **11.15**; 11.12
- VAXMACRO (Property Name) 5.17
- version numbers 6.3
- (VIDEOCOLOR BLA CKFL G) **19.7**
- (VIDEORATE TYPE) **19.7**
- (VIRGINFN FN FLG) **10.7**
- (VMEMSIZE) **18.3**
- (WAIT.FOR.TTY) **18.33**
- WAITBEFORESCROLLTIME (Variable)
19.24
- WAITBETWEENSCROLLTIME (Variable)
19.24
- (WAITFORINPUT FILE) **6.15**
- WAITINGCURSOR (Variable) 19.16
- (WAKE.PROCESS PR OC STATUS) **18.29**
- WBorder (Variable) 19.25-26,32
- (WBREAK ONFL G) **20.10**
- (WELL N) **19.50**
- (WFROMDS DISPLAYSTREAM) **19.10**
- (WFROMMENU MENU) **19.41**
- WHE (Exec Command) **23.59**
- WHEN FORM (I.S. Operator) **4.10**
- (WHENCLOSE FILE PR OP₁ VAL₁ PR OP_N
VAL_N) **6.11**; 23.17,42
- WHENHELDFN (Menu Field) **19.39**
- WHENSELECTEDFN (Menu Field) **19.39**
- WHENUNHELDFN (Menu Field) **19.39**
- WHERE (I.S. Operator) 4.15
- (WHEREIS NAME TYPE FILES FN)
11.10; **23.40**
- WHEREIS package 23.40
- WHEREIS.HASH (Variable) 23.40
- (WHEREISNOTICE FILEGR OUP NEWFL G)
23.40
- (WHICHW X Y) **19.25**
- WHILE FORM (I.S. Operator) **4.10**
- WHILE (use with REDO) 8.7
- WHITESHADE (Variable) 19.6
- WHOLECOLORDISPLAY (Variable) **19.44**
- (WIDEPAPER FLG) **6.54**
- WIDTH (Window Property) **19.33**
- (WIDTHIFWINDOW INTERIOR WIDTH
BORDER) **19.25**
- WINDOW (Process Property) 18.27
- window package 19.1
- window properties 19.28
- (WINDOWADDPROP WINDO W PR OP
ITEMTO ADD) **19.29**
- WINDOWBACKGROUNDSHADE (Variable)
19.6
- (WINDOWDELPROP WINDO W PR OP
ITEMTODELETE) **19.29**
- WINDOWENTRYFN (Window Property)
19.29; 18.34
- WindowMenu (Variable) **19.22**
- WindowMenuCommands (Variable) **19.22**
- (WINDOWP x) **19.25**
- (WINDOWPROP WINDO W PR OP NEWV ALUE)
19.29
- WindowTitleDisplayStream (Variable)
19.25
- (WINDOWWORLD FLA G) **19.19**
- WITH (Record Operator) **3.4**
- WITH (in REPLACE command)
(in Editor) 17.25
- WITH (in SURROUND command)
(in Editor) 17.28

INDEX

- (WITH.FAST.MONITOR LOCK . FORMS)
(Macro) **18.31**
- (WITH.MONITOR LOCK . FORMS)
(Macro) **18.31**
- (WORDCONTENTS PTR) **14.19**
- WORDDELETE (*syntax class*) 6.41
- (WORDOFFSET PTR N) **14.19**
- WORLD (*Litatom*) 12.19
- (WRITEFILE X FILE) **6.25**
- XIPIGNORETYPES (*Variable*) 21.23
- XIPONLYTYPES (*Variable*) 21.23
- XIPPRINTMACROS (*Variable*) 21.23
- XIPTRACE (*Function*) 21.23
- XIPTRACEFILE (*Variable*) 21.23
- XIPTRACEFLG (*Variable*) 21.23
- (XTR . @) (*Editor Command*) **17.27**
- (XWD N₁ N₂) **23.53**
- (ZERO) **5.11**
- (ZEROP x) **2.39**
- 0 (*Editor Command*) **17.10**; 17.3
- 10MACRO (*Property Name*) 5.17
- (2ND . @) (*Editor Command*) **17.18**
- (3ND . @) (*Editor Command*) **17.18**
- 7 (*instead of '*) 15.7
- 8 (*instead of left parenthesis*) **15.5**;
15.1,7,9; 17.52
- 9 (*instead of right parenthesis*) **15.5**;
15.1,7,9
- [,] inserted by PRETTYPRINT 6.53
- \ (*Editor Command*) **17.7**
- (\ LITATOM) (*Editor Command*) **17.21**;
17.25
- \ (*in event address*) 8.6
- \ (*Printed by System*) 6.13,43
- (\ADD.PACKET.FILTER FILTER) **21.24**
- (\ALLOCATE.ETHERPACKET) **21.23**
- (\CHECKSUM BASE NW ORDS INITSUM)
21.24
- \DEFAULT8BITCOLORINTENSITIES (*Variable*)
19.46
- \DEFAULTCOLORINTENSITIES (*Variable*)
19.46
- (\DEL.PACKET.FILTER FILTER) **21.24**
- (\DEQUEUE Q) **21.25**
- (\ENQUEUE Q ITEM) **21.25**
- \ETHERTIMEOUT (*Variable*) 21.16,22
- \FTPAVAILABLE (*Variable*) 18.16
- \LOCALNDBS (*Variable*) **21.23**
- \MAXETHERTRIES (*Variable*) 21.7
- (\ONQUEUE ITEM Q) **21.25**
- \P (*Editor Command*) **17.7,21**; 17.38
- \PACKET.PRINTERS (*Variable*) **21.24**
- (\QUEUELENGTH Q) **21.25**
- (\RELEASE.ETHERPACKET EPKT) **21.23**
- \TimeZoneComp (*Variable*) **18.7**
- (\UNQUEUE Q ITEM NOERR ORFL G)
21.25
- \\ (*Printed by System*) **6.14**

INDEX

-] (*use in input*) 8.30
- ^ (*Break Command*) **9.3**; 9.12
- ^ (*CLISP Operator*) **16.5**
- ^ (*display break command*) 20.10
- ^ (*EDITA command*) 23.50
- ^ (*Editor Command*) **17.11**; 17.3
- ^ (*use in comments*) 6.52
- _ (*CLISP Operator*) **16.7**
 - _ (*Editor Command*) **17.21**
 - (_ PATTERN) (*Editor Command*) **17.18**
 - _ (*in event address*) 8.5
 - _ (*in Pattern Match Compiler*) 23.5
 - _ (*in record declarations*) 3.9
 - _ (*Printed by System*) 9.1
 - __ (*Editor Command*) **17.21**
- ‘ (*back-quote*) 6.39
- | (*change character*) **6.55**; 17.22
- | (*vertical bar*) 6.40
- ~ (*CLISP Operator*) **16.9**
- ~ (*in Pattern Match Compiler*) 23.3
- ! (*in Masterscope template*) **13.17**
- ! (*in PA commands*) 8.8
- ! (*in Pattern Match Compiler*) 23.4-5
- ! (*use with <,> in CLISP*) 16.8
- !! (*use with <,> in CLISP*) 16.8
- !0 (*Editor Command*) **17.11**
- !E (*Editor Command*) **17.43**; 8.35
- !EVAL (*Break Command*) **9.3**
- !F (*Editor Command*) **17.43**; 8.35
- !GO (*Break Command*) **9.3**
- !N (*Editor Command*) **17.43**; 8.35
- !NX (*Editor Command*) **17.12**
- !OK (*Break Command*) **9.3**
- !Undo (*DEdit Command*) **20.5**
- !UNDO (*Editor Command*) **17.50**
- !VALUE (*Variable*) **9.3**; 9.12; 10.8
- " **2.27**; 6.13-15
- " " (*use in ASKUSER*) 6.64
- "<C.r.>" (*in history commands*) **8.26**
- #N (N a number)
 (*in Pattern Match Compiler*) 23.5
- # (*followed by a number*) 2.32-33
- # (*PRINTOUT command*) 6.30
- (## COM ₁ COM ₂ COM _N) **17.46**; 17.18
- ## (*in INSERT, REPLACE, and CHANGE commands*)
 17.26
- ## (*Printed by System*) 6.13,43-44,46
- #CAREFULCOLUMNS (*Variable*) **6.53**
- #RPARS (*Variable*) **6.53**
- #SPELLINGS1 (*Variable*) **15.15**
- #SPELLINGS2 (*Variable*) **15.15**
- #SPELLINGS3 (*Variable*) **15.15**
- #UNDOSAVES (*Variable*) **8.33**; 8.25
- #USERWORDS (*Variable*) **15.15**
- \$ (<esc>) 6.3
- \$ (<esc>, *use in ASKUSER*) 6.64
- \$ Y X IN EventSpec (*Prog. Asst. Command*)
 8.9

INDEX

- \$ Y = X IN EventSpec
(Prog. Asst. Command) **8.9**
- \$ Y -> X IN EventSpec
(Prog. Asst. Command) **8.9**
- \$ Y TO X IN EventSpec
(Prog. Asst. Command) **8.9**
- \$ X FOR Y IN EventSpec
(Prog. Asst. Command) **8.9**
- \$ (<esc>) (in CLISP) 16.7,9
- \$ (<esc>) (in Edit Pattern) **17.8**; 17.13
- \$ (<esc>) (in spelling correction) **15.13**;
15.18
- \$ (<esc>) (Prog. Asst. Command) 8.9
- \$ (<esc>) (in R command) (in Editor)
17.35
- \$ (dollar) (in Pattern Match Compiler)
23.3
- \$ (dollar) (Variable) 23.50
- \$ \$ (two <esc>s) (in Edit Pattern)
17.13
- \$ \$EXTREME (Variable) 4.7
- \$ \$VAL (Variable) 4.7,13
- \$ 1 (in Pattern Match Compiler) 23.2
- \$ C (<esc>C) (EDITA command) 23.52
- \$ GO (<esc>GO) (TYPE- AHEAD Command)
8.15
- \$ n (in Pattern Match Compiler) 23.4
- \$ Q (<esc>Q) (TYPE- AHEAD Command)
8.15
- \$ Q (<esc>Q) (EDITA command) 23.50
- \$ W (<esc>W) (EDITA command) **23.51**;
23.53
- % (escape character) **6.13**; 2.4,27;
6.14-15,17,36,46
- % (use in comments) 6.52
- %% (use in comments) 6.52
- & (in Edit Pattern) **17.7**; 17.13
- & (in MBD command) 17.28
- & (in Pattern Match Compiler) 23.2
- & (Printed by Editor) 17.2
- & (Printed by System) 6.18
- & (use in ASKUSER) 6.64
- &Undo (DEdit Command) **20.5**
- ' 15.7
- ' (CLISP Operator) **16.8**
- ' (EDITA command) **23.50**; 23.48
- ' (in a LAP statement) 22.16
- ' (in Pattern Match Compiler) 23.2
- 'LIST (Masterscope Set Speci cation) **13.10**
- 'ATOM (Masterscope Set Speci cation)
13.10
- (in (DEdit Command) **20.4**
- (out (DEdit Command) **20.5**
- () (DEdit Command) **20.4**
- () out (DEdit Command) **20.5**
-) in (DEdit Command) **20.4**
-) out (DEdit Command) **20.5**
- * (as a prettyprint macro) 6.51
- * (as a read-macro) 6.51
- * (CLISP Operator) **16.5**
- (* . x) (Editor Command) **17.43**
- (* . TEXT) (File Package Command)
11.24
- * (in a LAP statement) 22.16
- * (in an ASSEMBLE statement) 22.14
- * (in le package command) 11.30

INDEX

- * (in Pattern Match Compiler) 23.3
- * (Printed by Editor) 17.1
- * (use in comments) **6.49**; 6.50
- ***** (in Compiler Error Messages) 12.20
- *****can't find
 (printed by EDITLOADFNS?) 17.58
- *****Note: FN is not
 the newest version
 (printed by EDITLOADFNS?) 17.58
- **BREAK** (in backtrace) 9.6
- **COMMENT** (Printed by Editor) 17.37
- **COMMENT** (Printed by System) 6.50
- **COMMENT**FLG (Variable) **6.50**; 17.37
- **EDITOR** (in backtrace) 9.6
- **TOP** (in backtrace) 9.6
- *ANY* (in Edit Pattern) 17.13
- *ARCHIVE* (History List Property) **8.27**
- *ARCHIVE* (Property Name) 8.13
- *ARG1 (as a blip on the stack) 7.12
- *ARGVAL* (as a blip on the stack) 7.12
- *CONTEXT* (History List Property) **8.27**
- *ERROR* (History List Property) **8.27**
- *FN* (as a blip on the stack) 7.12
- *FORM* (as a blip on the stack) 7.12
- *GROUP* (History List Property) **8.27**
- *GROUP* (Property Name) 8.28
- *HISTORY* (History List Property) **8.27**
- *LISPXPRT* (History List Property) **8.27**
- *LISPXPRT* (Property Name) **8.20**
- *PRINT* (History List Property) **8.27**
- *TAIL* (as a blip on the stack) 7.12
- + (CLISP Operator) **16.5**
- , (EDITA command) 23.48
- , (PRINTOUT command) 6.27
- (CLISP Operator) **16.5**
- (in Edit Pattern) **17.7**; 17.14
- (in Pattern Match Compiler) 23.3
- (Printed by Editor) 17.2
- (Printed by System) 6.18
- > EXPR (Break Command) **9.7**
- > (in Pattern Match Compiler) 23.6
- > (Printed by DWIM) **15.4**; 15.2,5
- > (Printed by Editor) 17.35
- . (in a floating point number) 2.43
- . (in a list) 2.15
- . (in Masterscope) 13.2
- . (in Pattern Match Compiler) 23.4
- . (printed by Masterscope) 13.2
- . (Variable) 23.50
- PATTERN .. @ (Editor Command) **17.20**
- .. (in Edit Pattern) 17.14
- .. TEMPLA TE (in Masterscope template) **13.18**
- ... (in Edit Pattern) 17.14-15
- ... (Printed by DWIM) 15.2,4
- ... (Printed by Editor) 17.8-9
- ... (printed following a carriage-return) **8.30**
- ... VARS (Prog. Asst. Command) **8.9**; 8.27
- ...ARGS (History List Property) **8.27**
- .BASE (PRINTOUT command) 6.28
- .CENTER (PRINTOUT command) 6.29
- .CENTER2 (PRINTOUT command) 6.29
- .F (PRINTOUT command) 6.30

INDEX

- .FONT (*PRINTOUT* command) 6.27
- .FR (*PRINTOUT* command) 6.29
- .FR2 (*PRINTOUT* command) 6.29
- .I (*PRINTOUT* command) 6.29
- .N (*PRINTOUT* command) 6.30
- .P2 (*PRINTOUT* command) 6.28
- .PAGE (*PRINTOUT* command) 6.27
- .PARA (*PRINTOUT* command) 6.28
- .PARA2 (*PRINTOUT* command) 6.29
- .PPF (*PRINTOUT* command) 6.28
- .PPFTL (*PRINTOUT* command) 6.28
- .PPV (*PRINTOUT* command) 6.28
- .PPVTL (*PRINTOUT* command) 6.28
- .RESET (*PRINTOUT* command) 6.27
- .SKIP (*PRINTOUT* command) 6.27
- .SP (*PRINTOUT* command) 6.27
- .SUB (*PRINTOUT* command) 6.28
- .SUP (*PRINTOUT* command) 6.27
- .TAB (*PRINTOUT* command) 6.27
- .TAB0 (*PRINTOUT* command) 6.27

- / (*CLISP* Operator) **16.5**
- / (*EDITA* command) **23.49**; 23.48
- / (use with @ break command) 9.4
- / functions **8.22**; 8.34
- (/CNDIR HOST/DIR) **18.12**
- (/DELFIL FILE) **23.61**
- /FNS (Variable) **8.22**
- /MAPCON (Function) 16.10
- /MAPCONC (Function) 16.10
- /NCONC (Function) 16.10
- /NCONC1 (Function) 16.10
- /REPLACE (Record Package) 3.2
- /RPLACA (Function) 16.10
- /RPLACD (Function) 16.10
- /RPLNODE (Function) 8.33
- /RPLNODE2 (Function) 8.33
- (/UNDELFIL FILE) **23.61**

- : (*CLISP* Operator) **16.7**
- : (*EDITA* command) 23.50
- (:) (Editor Command) **17.24**
- (: E₁ E_M) (Editor Command) **17.9**
- : (Printed by System) **9.1**
- :: (*CLISP* Operator) **16.7**

- ; (*EDITA* command) 23.52
- ; FORM (Prog. Asst. Command) **8.14**

- < (*CLISP* Operator) **16.8**
- <, > (use in *CLISP*) 16.8

- = FORM (Break Command) **9.7**
- = (*CLISP* Operator) **16.6**
- = (*EDITA* command) 23.50
- = (in a LAP statement) 22.16
- = (in event address) 8.6
- = (in Pattern Match Compiler) 23.2
- = (Printed by DWIM) 15.4-5
- = (Printed by Editor) 17.8
- = (use with @ break command) 9.4
- == (in Edit Pattern) 17.14
- == (in Pattern Match Compiler) 23.2
- => (in Pattern Match Compiler) 23.6
- =E (Printed by Editor) 17.53
- =EDITF (Printed by Editor) 17.55
- =EDITP (Printed by Editor) 17.54

INDEX

=EDITV (*Printed by Editor*) 17.54

> (*CLISP Operator*) **16.8**

? (*EDITA command*) 23.50

? (*Editor Command*) **17.37**; 17.2

? (*Litatom*) 2.22

? (*Printed by DWIM*) 15.4

? (*printed by Masterscope*) 13.16

? (*Read Macro*) 6.40; 9.5

?= (*Break Command*) **9.5**

?= (*display break command*) 20.10

?= (*Editor Command*) **17.37**

?= (*Prog. Asst. Command*) **9.5**

?? EventSpec (*Prog. Asst. Command*) **8.11**;
8.27

?ACTIVATEFLG (*Variable*) **20.43**

?Undo (*DEdit Command*) **20.5**

@ (*Break Command*) **9.3**; 9.8

@ (*EDITA command*) 23.48

@ (*in a LAP statement*) 22.16

@ (*in event speci cation*) 8.32

(@ EXPRF ORM TEMPLA TEF ORM)
(*in Masterscope template*) **13.18**

@ (*in Pattern Match Compiler*) 23.3,5

@ PREDICA TE
(*Masterscope Set Speci cation*) **13.10**

@ (*use with @ break command*) 9.4

@ (*location specification*)
(*in Editor*) 17.18

@@ (*in event speci cation*) **8.7**; 8.13,32