

A

access-oriented programming 1-1,9
 accessing
 a class, errors 11-6
 an instance, errors 11-6
 class variable 5-16
 data in classes 5-13
 instance variable 5-19
 active value 1-9; 5-5; 8-1
 adding 8-17
 breaking and tracing 8-10
 bypassing 8-22
 creating 8-23
 deleting 8-17
 errors 11-9
 in class structures 8-27
 printing 17-11
 replacing 8-17
 ActiveValue 8-1
 methods 8-16
 shared 8-22
 specializations 8-2
Add (*Inspector Submenu Option*) 18-4,10
Add (*Method of Class*) 3-12
Add (AddMethod) (*Browser Menu Option*) 10-20,32
Add Category Menu (*Browser Menu Option*) 10-10,25
Add file to browser (*Browser Submenu Option*) 10-26
Add/Delete (*Inspector Menu Option*) 18-4,10
AddActiveValue (*Method of ActiveValue*) 8-17
AddCIV (*Function*) 3-14
AddCV (*Browser Submenu Option*) 10-20
AddCV (*Function*) 3-13
AddCV (*Method of Class*) 3-13
AddIV (*Browser Submenu Option*) 10-20
AddIV (*Function*) 2-10
AddIV (*Method of Class*) 3-14
AddIV (*Method of Object*) 2-11
AddMethod (*Browser Submenu Option*) 10-21
 adding an active value 8-17
AddRoot (*Browser Menu Option*) 10-10,25
AddRoot (*Method of LatticeBrowser*) 10-36
AddSubs (*Browser Menu Option*) 10-31
AddSubs! (*Browser Submenu Option*) 10-31
AddSuper (*Browser Submenu Option*) 10-21
AfterMove (*Method of Window*) 19-3
AfterReshape (*Method of Window*) 19-3
all (*Browser Submenu Option*) 10-26
All (*Inspector Menu Option*) 18-8
AllInstances (*Method of Class*) 3-24
AllInstances! (*Method of Class*) 3-25
AllMethodCategories (*Method of Class*) 6-2
AllSubClasses (*Function*) 3-28
AllValues (*Inspector Menu Option*) 18-3,10
AnalyzeFile (*Browser Submenu Option*) 10-28
 annotated value 8-24
 errors 11-9
 explicit control over 8-25
 restoring 8-26
 saving 8-26
AnnotatedValue (*Class*) 8-24
AnnotatedValue? (*Macro*) 9-2

Any (*Category*) 6-1
AppendSuperValue (*Class*) 8-11
ApplyMethod (*Function*) 6-7
ArgsOfMethodBeingCompiled (*Macro*) 6-10
associatedFiles (*Browser Submenu Option*) 10-26
AttachLispWindow (*Method of Window*) 19-22
AVPrintSource (*Method of ActiveValue*) 8-26; 17-11
AVPrintSource (*Specialization of ActiveValue*) 8-16

B

background menu 10-3
Blink (*Method of Window*) 19-3
Box/UnBoxNode (*Browser Menu Option*) 10-17
BoxNode (*Browser Menu Option*) 10-32
BoxNode (*Method of LatticeBrowser*) 10-37
Break on Access (*Inspector Submenu Option*) 18-6
Break on Put (*Inspector Submenu Option*) 18-6
BreakFunction (*Browser Submenu Option*) 10-29
 breaking 12-1
BreakIt (*Function*) 12-4
BreakIt (*Inspector Menu Option*) 18-6
BreakIt (*Method of Object*) 12-3
BreakMethod (*Browser Menu Option*) 10-20
BreakMethod (*Method of Class*) 12-1
BreakOnPut (*Class*) 8-10
BreakOnPutOrGet (*Class*) 8-10
BrokenVariables (*Global Variable*) 12-6
Browse (*Function*) 10-7
Browse (*Inspector Menu Option*) 18-8
Browse (*Method of LatticeBrowser*) 10-6,37
Browse Class (*Submenu Option*) 10-3,4
Browse File (*Submenu Option*) 10-3,5
Browse Supers (*Submenu Option*) 10-4
BrowseFile (*Method of FileBrowser*) 10-6
 browser 10-1
BrowserObjects (*Method of LatticeBrowser*) 10-38
BrowseSupers (*Inspector Submenu Option*) 18-8
Bury (*Method of Window*) 20-4
ButtonEventFn (*Method of Window*) 19-15

C

cache 15-2,3
CalledFns (*Function*) 6-9
CallsFunction (*Browser Submenu Option*) 10-28
 categories of a method 6-1
CategorizeMethods (*Browser Submenu Option*) 10-19
CategorizeMethods (*Method of Class*) 6-2
Change display mode (*Browser Menu Option*) 10-25
ChangeClass (*Method of Object*) 2-16
ChangeFontSize (*Browser Submenu Option*) 10-8
ChangeFontSize (*Method of LatticeBrowser*) 10-38
ChangeFormat (*Method of LatticeBrowser*) 10-38
ChangeMaxLabelSize (*Method of LatticeBrowser*) 10-39
ChangeMethodCategory (*Browser Submenu Option*) 10-19
ChangeMethodCategory (*Method of Class*) 6-3
 Changetran 5-13
Check (*Browser Submenu Option*) 10-27
CheckFile (*Browser Submenu Option*) 10-28
 class 1-3,6; 3-1
 contents 3-1

- copying 3-23
- creating 3-1
- destroying 3-5
- editing 3-10; 13-1
- enumerating instances 3-24
- manipulating 2-16; 3-16
- modifying 3-11
- printing 17-4
- querying the structure 3-17
- reading data in 5-13
- renaming 3-16
- storing data in 5-13
- Class** (Category) 6-1
- Class** (Inspector Menu Option) 18-3
- Class** (Macro) 2-17
- Class** (Method of Object) 2-17
- class browser 10-2
 - automatic update 10-52
 - menu interface 10-8
- class inspector 18-7
- class variable 1-4; 5-5
 - accessing 5-16
 - for class LatticeBrowser 10-34
- Class?** (Macro) 9-2
- ClassDoc** (Browser Submenu Option) 10-14
- CLASSES** (File Package Command) 14-4
- ClassIV inspector 18-9
- ClassName** (Function) 2-18; 3-17
- ClassName** (Method of Object) 2-18
- ClassNameOfMethodOwner** (Macro) 6-10
- CLEANUP** file (Browser Menu Option) 10-30
- CleanUp File** (Submenu Option) 10-5
- Clear** (Method of Window) 19-4
- ClearAllCaches** (Function) 15-3; 20-3
- ClearAllCaches** (Variable) 20-3
- ClearLabelCache** (Method of LatticeBrowser) 10-40
- ClearMenuCache** (Method of Window) 19-15
- ClearPromptWindow** (Method of Window) 19-10
- Close** (Method of Window) 19-4
- ClosePromptWindow** (Method of Window) 19-10
- compact accessing forms 5-10
- ConformToClass** (Method of Object) 2-12
- Copy** (Method of Class) 3-23
- Copy** (CopyMethodTo) (Browser Menu Option) 10-23,32
- CopyActiveValue** (Method of ActiveValue) 8-22
- CopyActiveValue** (Specialization of ActiveValue) 8-16
- CopyCV** (Method of Class) 3-23
- CopyCVTo** (Browser Submenu Option) 10-23
- CopyDeep** (Method of Object) 2-19
- copying
 - class 3-23
 - instance 2-19
- CopyIV** (Method of Class) 3-24
- CopyIVTo** (Browser Submenu Option) 10-23
- CopyMethodTo** (Browser Submenu Option) 10-23
- CopyShallow** (Method of Object) 2-20
- create annotatedValue** (Macro) 8-25
- CreateClass** (Method of Metaclass) 3-3
- CreateWindow** (Method of NonRectangular Window) 19-19
- CreateWindow** (Method of Window) 19-22
- creating
 - active value 8-23
 - class 3-1
 - instance 2-4

- method 6-4
- record 18-17
- CursorInside?** (Method of Window) 19-4
- CV, see class variable
- CVDoc** (Browser Submenu Option) 10-14
- CVMissing** (Method of Class) 11-2
- CVValueMissing** (Method of Class) 11-3
- D**
- data type predicate 9-1
- DefaultActiveValueClassName** (Variable) 17-12
- DEFCLASS** (NLambda NoSpread Function) 14-4
- DEFCLASSES** (NLambda NoSpread Function) 14-4
- DefineClass** (Function) 3-2
- DefineMethod** (Function) 6-5
- defining a metaclass 4-5
- DEFINST** (NLambda NoSpread Function) 14-6
- DEFINSTANCES** (NLambda NoSpread Function) 14-6
- Delete** (Inspector Submenu Option) 18-4,10
- Delete** (Method of Class) 3-12
- Delete** (DeleteMethod) (Browser Menu Option) 10-21,32
- DeleteActiveValue** (Method of ActiveValue) 8-18
- DeleteCIV** (Function) 3-15
- DeleteClass** (Browser Submenu Option) 10-22
- DeleteClassProp** (Function) 3-13
- DeleteCV** (Browser Submenu Option) 10-21
- DeleteCV** (Function) 3-14
- DeleteFromBrowser** (Browser Menu Option) 10-16,31
- DeleteFromBrowser** (Browser Submenu Option) 10-16
- DeleteFromBrowser** (Method of LatticeBrowser) 10-40
- DeleteIV** (Browser Submenu Option) 10-21
- DeleteIV** (Function) 2-11
- DeleteIV** (Method of Object) 2-12
- DeleteMethod** (Browser Submenu Option) 10-22
- DeleteMethod** (Function) 6-5
- DeleteSubtreeFromBrowser** (Browser Submenu Option) 10-16
- DeleteSubtreeFromBrowser** (Method of LatticeBrowser) 10-40
- deleting an active value 8-17
- DelFromFile** (Method of Object) 14-9
- Destroy** (Method of Class) 3-5
- Destroy** (Method of Object) 2-15
- Destroy** (Method of Window) 19-4
- Destroy!** (Method of Class) 3-6
- Destroy!** (Method of Object) 2-15
- DestroyClass** (Method of Class) 3-6
- destroying
 - class 3-5
 - instance 2-15
 - method 6-4
- DestroyInstance** (Method of Class) 2-15
- DetachLispWindow** (Method of Window) 19-22
- Doc** (ClassDoc) (Browser Menu Option) 10-13,30
- DoFringeMethods** (Function) 6-7
- DoMethod** (Function) 6-7
- DontSave** (Instance Variable Property Name) 14-10
- dynamic mixin 3-4

E

- Edit** (Browser Submenu Option) 10-27

Edit (*Inspector Menu Option*) 18-4,8
Edit (*Method of Class*) 3-10; 13-1
Edit (*Method of Object*) 13-5
Edit (EditClass) (*Browser Menu Option*) 10-24,32
Edit FileComs (*Browser Menu Option*) 10-28
Edit Filecoms (*Submenu Option*) 10-5
Edit Functions (*Browser Submenu Option*) 10-29
Edit! (*Method of Class*) 13-3
EditCategory (*Browser Submenu Option*) 10-19
EditClass (*Browser Submenu Option*) 10-24
EditClass! (*Browser Submenu Option*) 10-24
EditComs (*Browser Submenu Option*) 10-29
EditFns (*Browser Submenu Option*) 10-29
EditIcon (*Method of NonRectangular Window*) 19-19
 editing 13-1
 a class 13-1
 class 3-10
 description of window 13-2
 method 6-4
EditInstances (*Browser Submenu Option*) 10-29
EditMacros (*Browser Submenu Option*) 10-29
EditMask (*Method of NonRectangular Window*) 19-20
EditMethod (*Browser Submenu Option*) 10-18
EditMethod (*Method of Class*) 6-5
EditMethod! (*Browser Submenu Option*) 10-18
EditMethodObject (*Browser Submenu Option*) 10-18
EditRecords (*Browser Submenu Option*) 10-29
EditVars (*Browser Submenu Option*) 10-29
 enumerating instances of a class 3-24
 error handling 11-1
 error message 11-5
ErrorOnNameConflict (*Variable*) 2-4; 11-2
 escaping from message syntax 6-6
ExplicitFnActiveValue (*Class*) 8-8

F

fetch annotatedValue of (*Macro*) 8-25
FetchMethod (*Method of Class*) 7-5
 file
 storing 14-10
 file browser 10-2
 menu interface 10-24
 file manager 1-11; 14-1
 commands 14-3
FileBrowse (*Function*) 10-7
FileIn (*Method of Class*) 14-6
FileOut (*Method of Class*) 17-4
FileOut (*Method of Object*) 14-11; 17-8
FILES? (*Function*) 14-7
FirstFetchAV (*Class*) 8-12
FlashNode (*Method of LatticeBrowser*) 10-41
FlipNode (*Method of LatticeBrowser*) 10-41
Fringe (*Method of Class*) 3-27
 function calling 3-2

G

garbage collection 15-1
Get (*Method of Object*) 5-6
GetClass (*Function*) 5-14
GetClassHere (*Function*) 5-16
GetClassIV (*Function*) 5-20
GetClassIVHere (*Function*) 5-20
GetClassOnly (*Function*) 5-15
GetClassProp (*Method of Class*) 3-18

GetClassValue (*Function*) 5-8,16
GetClassValueOnly (*Function*) 5-9,18; 8-22
GetCVHere (*Function*) 5-18
GetDisplayLabel (*Method of LatticeBrowser*) 10-41
GetIt (*Function*) 5-1
GetItHere (*Function*) 5-3
GetItOnly (*Function*) 5-2
GetIVHere (*Function*) 5-10
GetLabel (*Method of LatticeBrowser*) 10-41
GetLispClass (*Function*) 4-3
GetObjectNames (*Function*) 2-4
GetObjFromUID (*Function*) 17-15
GetPromptWindow (*Method of Window*) 19-10
GetProp (*Method of Window*) 19-5
GetSubs (*Method of InstanceBrowser*) 10-50
GetSubs (*Method of LatticeBrowser*) 10-42
GettingWrappedValue (*Message*) 1-9
GetValue (*Function*) 4-3; 5-6
GetValue (*Macro*) 15-2
GetValueOnly (*Function*) 5-7; 8-22
GetWrappedValue (*Method of ActiveValue*) 8-20
GetWrappedValue (*Method of LispWindowAV*) 19-23
GetWrappedValue (*Specialization of ActiveValue*) 8-16
GetWrappedValueOnly (*Method of ActiveValue*) 8-20
 global cache 15-2,3
 Grapher 1-11; 10-1,33
GraphFits (*Method of LatticeBrowser*) 10-42

H

Hardcopy (*Method of Window*) 19-5
Hardcopy file (*Browser Submenu Option*) 10-30
HardcopyToFile (*Method of Window*) 19-5
HardcopyToPrinter (*Method of Window*) 19-5
HasAttribute (*Method of Class*) 3-18
HasAttribute! (*Method of Class*) 3-19
HasCV (*Method of Class*) 3-19
HasCV (*Method of Object*) 2-21
HasItem (*Method of Class*) 3-20
HasIV (*Method of Class*) 3-21
HasIV (*Method of Object*) 2-21
HasIV! (*Method of Class*) 3-21
HasLispWindow (*Method of Window*) 19-23
HasObject (*Method of LatticeBrowser*) 10-42
HasUID? (*Function*) 17-14
HELPCHECK (*Function*) 11-1
HighlightNode (*Method of LatticeBrowser*) 10-42

I

IconTitle (*Method of LatticeBrowser*) 10-43
IconWindow (*Class*) 19-20
ImplementsMethod (*Browser Submenu Option*) 10-28
in-supers-of (*Iterative Statement Operator*) 9-3
IndexedObject (*Class*) 3-25
IndirectVariable (*Class*) 8-3
 inheritance 1-6; 3-7,27
InheritedValue (*Method of InheritingAV*) 8-14
InheritingAV (*Class*) 8-14
InPlace (*Browser Submenu Option*) 10-8
Inspect (*Inspector Menu Option*) 18-7,10
Inspect (*Method of Object*) 2-22; 18-2
InspectClass (*Browser Submenu Option*) 10-24
InspectFetch (*Method of Object*) 18-12
 inspector 1-10; 18-1

customizing 18-15
InspectPropCommand (*Method of Object*) 18-13
InspectProperties (*Method of Object*) 18-13
InspectStore (*Method of Object*) 18-13
InspectTitle (*Method of Object*) 18-14
InspectValueCommand (*Method of Object*) 18-14
InstallEditSource (*Method of Class*) 13-3
InstallEditSource (*Method of Object*) 13-6
 instance 1-4
 accessing data in 5-4
 copying 2-19
 creating 2-4
 data storage at creation time 2-8
 destroying 2-15
 editing 13-5
 naming 2-1
 querying structure 2-21
 instance browser 10-3,50
 instance inspector 18-2
 instance variable 1-4; 5-5
 access 15-1
 accessing 5-19
 changing number of 2-10
 delimiters 2-11
 for class InstanceBrowser 10-50
 for class LatticeBrowser 10-33
Instance? (*Macro*) 9-2
INSTANCES (*File Package Command*) 14-5
InstOf (*Method of Object*) 2-18
InstOf! (*Method of Object*) 2-19
Internal (*Category*) 6-1
Invert (*Method of NonRectangular Window*) 19-20
Invert (*Method of Window*) 19-5
ItemMenu (*Method of Window*) 19-15
 iterative operator 9-3
 IV, see instance variable
IVDoc (*Browser Submenu Option*) 10-14
IVMissing (*Method of Object*) 2-12; 11-3
IVs (*Inspector Menu Option*) 18-4,10
IVValueMissing (*Method of Object*) 2-8; 11-4

L
 lattice 1-1
 lattice browser 10-2
Lattice/Tree (*Browser Submenu Option*) 10-9
 left column menu
 class inspector 18-8
 ClassIV inspector 18-10
 instance inspector 18-4
 left menu
 class, meta, and supers browsers 10-11
 file browser 10-30
 instance browser 10-51
LeftSelection (*Method of LatticeBrowser*) 10-43
LeftSelection (*Method of Window*) 19-16
LeftShiftSelect (*Method of LatticeBrowser*) 10-43
 Lisp window 19-22
LispClassTable (*Global Variable*) 4-4
LispUserFilesForLoops (*Variable*) 20-2
LispWindowAV (*Class*) 8-10
ListAttribute (*Method of Class*) 3-21
ListAttribute (*Method of Object*) 2-22
ListAttribute! (*Method of Class*) 3-22
ListAttribute! (*Method of Object*) 2-23
LOAD (*Function*) 14-2
Load PROP file (*Browser Submenu Option*) 10-30
LOADFNS (*Function*) 14-3
 loading a file 14-2

LoadLoopsForms (*Variable*) 20-2
Local (*Inspector Menu Option*) 18-8
 local cache 15-2,3
LocalStateActiveValue (*Class*) 8-6
LocalValues (*Inspector Menu Option*) 18-4,10
 LOOPS icon 10-4
Loops Icon (*Menu Option*) 10-3
LoopsDate (*Variable*) 20-2
LoopsDebugFlg (*Variable*) 11-2
LOOPSDIRECTORY (*Variable*) 20-2
LOOPFILES (*Variable*) 20-2
LoopsHelp (*NoSpread Function*) 11-2
LoopsIcon (*Class*) 19-21
LOOPSLIBRARYDIRECTORY (*Variable*) 20-2
LoopsPatchFiles (*Variable*) 20-2
LOOPUSERSDIRECTORY (*Variable*) 20-2
LOOPUSERSRULESDIRECTORY (*Variable*) 20-2
LoopsVersion (*Variable*) 20-1

M

MakeEditSource (*Method of Class*) 13-4
MakeEditSource (*Method of Object*) 13-5
MAKEFILE (*Function*) 14-11
MakeFileSource (*Method of Object*) 14-11
MakeFullEditSource (*Method of Class*) 13-4
MakeFunctionMenu (*Browser Submenu Option*) 10-29
 manipulating
 a file 14-1
 a class 2-16; 3-16
MapObjectUID (*Function*) 17-15
 Masterscope 1-10
Masterscope (*Category*) 6-2
MaxLatticeHeight (*Variable*) 10-48
MaxLatticeWidth (*Variable*) 10-48
 menu 19-14
 caching 19-18
 item structure 19-17
 message 1-3
 message sending 3-2
 message sending form 7-1; 18-16
 message syntax, escaping from 6-6
MessageNotUnderstood (*Method of AnnotatedValue*) 8-26
MessageNotUnderstood (*Method of Object*) 11-5
MessageNotUnderstood (*Method of Tofu*) 4-7
 metaclass 1-6; 5-13
 AbstractClass 4-2
 Class 4-1
 defining 4-5
 DestroyedClass 4-2
 MetaClass 4-2
 metaclass browser 10-2
 menu interface 10-8
METH (*NLambda NoSpread Function*) 14-5
 method 1-3; 6-1
 creating 6-4
 destroying 6-4
 editing 6-4
 for class InstanceBrowser 10-50
 for window 19-2
 printing 17-12
method (*Definer*)
 structure 6-3
 method lookup 15-3
MethodDoc (*Browser Submenu Option*) 10-14
MethodDoc (*Method of Class*) 17-13
MethodMenu (*Browser Submenu Option*) 10-19

MethodNotFound (*Method of Tofu*) 4-7
METHODS (*File Package Command*) 14-5
Methods (EditMethod) (*Browser Menu Option*) 10-18,32
MethodSummary (*Browser Submenu Option*) 10-13
MethodSummary (*Method of Class*) 17-13
 middle menu
 class, meta, and supers browsers 10-17
 file browser 10-31
 instance browser 10-52
MiddleSelection (*Method of Window*) 19-16
MiddleShiftSelect (*Method of LatticeBrowser*) 10-44
 modifying a class 3-11
MousePackage (*Method*) 19-6
MouseReadtable (*Method*) 19-6
Move (*Method of Window*) 19-5
Move (MoveMethodTo) (*Browser Menu Option*) 10-22,32
MoveClassVariable (*Function*) 2-14
MoveCVTo (*Browser Submenu Option*) 10-22
MoveIVTo (*Browser Submenu Option*) 10-22
MoveMethod (*Function*) 6-8
MoveMethod (*Method of Class*) 6-9
MoveMethodsToFile (*Function*) 6-9
MoveMethodTo (*Browser Submenu Option*) 10-22
MoveSuperTo (*Browser Submenu Option*) 10-22
MoveToFile (*Browser Submenu Option*) 10-22
MoveToFile (*Method of Class*) 14-9
MoveToFile! (*Browser Submenu Option*) 10-22
MoveToFile! (*Method of Class*) 14-9
MoveVariable (*Function*) 2-14
 moving a variable 2-13
 multiple references of objects 15-1

N

naming an instance 2-1
 naming an object, errors 11-8
NestedNotSetValue (*Class*) 8-16
New (*Method of Class*) 2-5
New (*Method of Metaclass*) 3-3; 4-5
NewClass (*Method of Class*) 3-3
NewInstance (*Browser Submenu Option*) 10-21,32
NewInstance (*Method of Object*) 2-6
NewItem (*Method of LatticeBrowser*) 10-44
NewPath (*Method of InstanceBrowser*) 10-51
NewWithValues (*Method of Class*) 2-7
NiceMenu (*Function*) 19-13
NodeRegion (*Method of LatticeBrowser*) 10-45
NonRectangularWindow (*Class*) 19-19
NotSetValue (*Class*) 8-15
NotSetValue (*Macro*) 2-9
NoUpdatePermittedAV (*Class*) 8-9
NoValueFound (*Macro*) 2-24
NoValueFound (*Variable*) 2-24

O

object 1-2
 multiple references 15-1
 printing 17-8
 saving on a file 14-6
 storing data in 1-4
Object (*Category*) 6-1
 object-oriented programming 1-1,3
Object? (*Macro*) 9-1
ObjectAlwaysPPFlag (*Variable*) 17-3

ObjectDontPPFlag (*Variable*) 17-3
ObjectFromLabel (*Method of LatticeBrowser*) 10-45
ObjectModified (*Method of Object*) 14-8
OldInstance (*Method of Object*) 14-10
OnFile (*Method of Class*) 14-8
Open (*Method of Window*) 19-6
 opening a browser 10-3
OptionalLispuserFiles (*Variable*) 9-2
OverridesMethod (*Browser Submenu Option*) 10-28

P

Paint (*Method of Window*) 19-6
PositionNode (*Method of LatticeBrowser*) 10-45
PP (*Browser Submenu Option*) 10-12
PP (*Method of Class*) 17-5
PP (*Method of Object*) 17-9
PP! (*Browser Submenu Option*) 10-12
PP! (*Method of Class*) 17-6
PP! (*Method of Object*) 17-9
PPDefault (*Variable*) 17-12
PPMethod (*Browser Submenu Option*) 10-13
PPMethod (*Method of Class*) 17-12
PPV! (*Browser Submenu Option*) 10-12
PPV! (*Method of Class*) 17-7
PPV! (*Method of Object*) 17-10
PrettyPrintClass (*Function*) 14-11
PrettyPrintInstance (*Function*) 14-11
PrintCategories (*Browser Submenu Option*) 10-12
 printing 17-1
 variables affecting 17-2
PrintOn (*Method of IndexedObject*) 3-25
PrintOn (*Method of Object*) 17-8
PrintSummary (*Browser Menu Option*) 10-12,30
PrintSummary (*Browser Submenu Option*) 10-13
 procedure-oriented programming 1-1,2,3
 programming paradigms 1-1
 prompt window 19-9
PromptEval (*Function*) 19-11
PromptForList (*Method of Window*) 19-11
PromptForString (*Method of Window*) 19-12
PromptForWord (*Method of Window*) 19-12
PromptPrint (*Method of Window*) 19-13
PromptRead (*Function*) 19-13
Properties (*Inspector Menu Option*) 18-5,11
Prototype (*Method of Class*) 3-26
 pseudoclass 8-24
 pseudoclasses 4-2
 pseudoinstances 4-2; 8-24
Public (*Category*) 6-1
Put (*Method of Object*) 5-7
PutClass (*Function*) 5-14
PutClassIV (*Function*) 5-21
PutClassOnly (*Function*) 5-15
PutClassValue (*Function*) 5-8,17
PutClassValueOnly (*Function*) 5-9,18; 8-22
PutCVHere (*Function*) 5-19
PutIt (*Function*) 5-3
PutItOnly (*Function*) 5-4
PutSavedValue (*Function*) 19-21
PuttingWrappedValue (*Message*) 1-9
PutValue (*Function*) 4-3; 5-6
PutValue (*Inspector Menu Option*) 18-5
PutValue (*Macro*) 15-2
PutValueOnly (*Function*) 5-7; 8-22
PutValueOnly (*Inspector Submenu Option*) 18-5
PutWrappedValue (*Method of ActiveValue*) 8-21

PutWrappedValue (Method of *LispWindowAV*) 19-23
PutWrappedValue (Specialization of *ActiveValue*) 8-16
PutWrappedValueOnly (Method of *ActiveValue*) 8-21

Q

querying
 structure of a class 3-17
 structure of an instance 2-21

R

reading 17-1
Recompute (Browser Menu Option) 10-8,25
Recompute (Browser Submenu Option) 10-8
Recompute (Method of *LatticeBrowser*) 10-46
RecomputeInPlace (Method of *LatticeBrowser*) 10-46
RecomputeLabels (Browser Submenu Option) 10-8
RecomputeLabels (Method of *LatticeBrowser*) 10-46
 record
 creating 18-17
Refetch (Inspector Menu Option) 18-4,8,10
RemoveFromBadList (Browser Submenu Option) 10-10
RemoveHighlights (Method of *LatticeBrowser*) 10-46
RemoveShading (Method of *LatticeBrowser*) 10-47
Rename (Method of Class) 3-16
Rename (Method of Object) 2-3
Rename (RenameMethod) (Browser Menu Option) 10-23,32
RenameClass (Browser Submenu Option) 10-23
RenameCV (Browser Submenu Option) 10-23
RenameIV (Browser Submenu Option) 10-23
RenameMethod (Browser Submenu Option) 10-23
RenameMethod (Function) 6-8
RenameVariable (Function) 2-14
replace annotatedValue of (Macro) 8-25
ReplaceActiveValue (Method of *ActiveValue*) 8-19
ReplaceMeAV (Class) 8-15
ReplaceSupers (Method of Class) 3-15
 replacing an active value 5-17
RetireMethod (Browser Submenu Option) 10-23
 right column menu
 class inspector 18-8
 ClassIV inspector 18-10
 instance inspector 18-6
RightSelection (Method of Window) 19-16
 rule-oriented programming 1-1

S

Save Value (Inspector Menu Option) 18-4,7,11
SavedValue (Function) 19-21
SaveInIT (Method of *LatticeBrowser*) 10-47
SaveInstance (Method of Object) 14-8
SaveInstance? (Method of Object) 14-9
SaveValue (Browser Submenu Option) 10-8
 saving
 an object on a file 14-6
ScrollWindow (Method of Window) 19-7
 SEdit 1-10
Select file (Browser Submenu Option) 10-26
selectedFile (Browser Submenu Option) 10-25

SelectFile (Lambda NoSpread Function) 19-14
 selector 1-3
SelectorOfMethodBeingCompiled (Macro) 6-10
SelectorsWithBreak (Method of Class) 12-3
SEND (Function) 7-2
SEND (Macro) 7-2
 sending
 a message, errors 11-7
SendsMessage (Browser Submenu Option) 10-28
SetName (Method of Class) 3-16
SetName (Method of Object) 2-2
SetProp (Method of Window) 19-7
ShadeNode (Method of *LatticeBrowser*) 10-47
Shape (Method of *NonRectangular Window*) 19-20
Shape (Method of Window) 19-7
Shape? (Method of Window) 19-8
ShapeToHold (Browser Submenu Option) 10-8
ShapeToHold (Method of *LatticeBrowser*) 10-48
Show (Method of *LatticeBrowser*) 10-48
Shrink (Method of *LatticeBrowser*) 10-48
Shrink (Method of Window) 19-8
Snap (Method of Window) 19-8
Specialize (Method of Class) 3-27
SpecializeClass (Browser Submenu Option) 10-21
SpecializedClass (Browser Submenu Option) 10-32
SpecializeMethod (Browser Submenu Option) 10-21
SpecializesMethod (Browser Submenu Option) 10-28
 stack method macros 6-10
 storing
 a file 14-10
 data in objects 1-4
SubBrowser (Browser Menu Option) 10-16,31
SubBrowser (Method of *LatticeBrowser*) 10-49
 subclass 1-6
Subclass (Method of Class) 3-28
SubClasses (Method of Class) 3-28
SubclassResponsibility (Macro) 6-6
Substitute (Browser Submenu Option) 10-27
SubsTree (Function) 3-29
 superclass 1-7,8
SuperMethodNotFound (Method of *Tofu*) 4-7
 supers browser 10-2
 menu interface 10-8
 system function 20-1
 system variable 20-1

T

THESE-INSTANCES (File Package Command) 14-5
 title
 class inspector 18-7
 ClassIV inspector 18-9
 instance inspector 18-2
 title bar menu
 class inspector 18-8
 class, meta, and supers browsers 10-8
 ClassIV inspector 18-9
 file browser 10-25
 instance browser 10-51
 instance inspector 18-3
TitleCommand (Method of Object) 18-15
TitleSelection (Method of *LatticeBrowser*) 10-49
TitleSelection (Method of Window) 19-16
 Tofu 4-6
 tools 1-10

ToTop (*Method of Window*) 19-8
Trace on Access (*Inspector Submenu Option*) 18-6
Trace on Put (*Inspector Submenu Option*) 18-6
TraceFunction (*Browser Submenu Option*) 10-29
TraceIt (*Function*) 12-6
TraceIt (*Inspector Menu Option*) 18-6
TraceIt (*Method of Object*) 12-5
TraceMethod (*Browser Submenu Option*) 10-20
TraceMethod (*Method of Class*) 12-2
TraceOnPut (*Class*) 8-10
TraceOnPutOrGet (*Class*) 8-10
tracing 12-1
type? annotatedValue (*Macro*) 8-25
TypeInName (*Browser Menu Option*) 10-16,31

U

UID, see Unique Identifier
UID (*Function*) 17-15
UnbreakFunction (*Browser Submenu Option*) 10-29
UnBreakIt (*Function*) 12-6
UnBreakIt (*Inspector Menu Option*) 18-6
UnbreakMethod (*Browser Submenu Option*) 10-20
UnbreakMethod (*Method of Class*) 12-2
Understands (*Method of Object*) 9-3
UNDO (*Program Assistant Command*) 14-3
Unique Identifier 15-1; 17-14
UnmarkNodes (*Method of LatticeBrowser*) 10-49
UnSetName (*Method of Class*) 3-17
UnSetName (*Method of Object*) 2-3
Update (*Method of Window*) 19-9
UpdateClassBrowsers (*Function*) 10-52
UpdateClassBrowsers? (*Variable*) 10-52
Use saved value (*Inspector Submenu Option*) 18-5
user interface to inspector 18-2
Uses IV? (*Browser Menu Option*) 10-26
UsesCV (*Browser Submenu Option*) 10-28
UsesIV (*Browser Menu Option*) 10-33
UsesIV (*Browser Submenu Option*) 10-27
UsesLispVar (*Browser Submenu Option*) 10-28
UsesObject (*Browser Submenu Option*) 10-28

V

ValueFound (*Macro*) 2-25
variable 1-4

W

WhenMenuItemHeld (*Method of Window*) 19-17
WhereIs (*Browser Menu Option*) 10-14
WhereIs (*Method of Object*) 2-24
WhereIs (WhereIsMethod) (*Browser Menu Option*) 10-30
WhereIsCV (*Browser Submenu Option*) 10-15
WhereIsIV (*Browser Submenu Option*) 10-15
WhereIsMethod (*Browser Submenu Option*) 10-15
WhoHas (*Function*) 3-22
Window (*Class*) 19-1
WindowAfterMoveFn (*Function*) 19-9
WindowButtonEventFn (*Function*) 19-17
WindowRightButtonFn (*Function*) 19-17
WindowShapeFn (*Function*) 19-9
wrapped value 8-19
WrappingPrecedence (*Method of ActiveValue*) 8-18
WrappingPrecedence (*Specialization of ActiveValue*) 8-16

←
← (*Function*) 7-1
← (*Macro*) 7-1
←! (*Function*) 7-2
←! (*Macro*) 7-2
←@ (*Macro*) 5-12
←AV (*Macro*) 8-26
←IV (*Macro*) 7-2
←New (*Macro*) 2-6
←New (*NLambda NoSpread Macro*) 7-5
←Process (*Macro*) 16-1
←Process! (*Macro*) 16-2
←Proto (*Macro*) 7-3
←Super (*Macro*) 7-3
←Super (*Function*) 7-3
←Super? (*Macro*) 7-5
←SuperFringe (*Macro*) 7-5
←SuperFringe (*Function*) 7-5
←Try (*Macro*) 7-3

#

#, 18-1

\$

\$ (*Macro*) 2-2
\$ (*NLambda Function*) 2-2; 17-1
\$! (*Function*) 2-2
\$! (*Lambda Function*) 17-2
\$AV (*NLambda NoSpread Function*) 8-27
\$C (*NLambda Function*) 17-2

*

any (*Browser Submenu Option*) 10-27
EditAll (*Browser Submenu Option*) 10-27; 27
FEATURES (*Variable*) 20-2
hiddenFile (*Submenu Option*) 10-5
loadFile (*Submenu Option*) 10-5
newFile (*Submenu Option*) 10-5
NewFunction (*Browser Submenu Option*) 10-29
other (*Browser Submenu Option*) 10-27
SubstituteAll (*Browser Submenu Option*) 10-27

:

:initForm (*Property*) 2-9

?

?= 18-16

@

@ (*Macro*) 5-10
@* (*Macro*) 5-12

ntionally left blank]

[This page inte