Index

#

#augment, 176, 177
#override, 176, 177
#replace, 176, 177

$

$HOME, 33

A

Above, 97, 98
Accelerator, **177**
accept_focus procedure, 115
Action Table, 171
actions, 171
action_proc procedure, **170**
allocate procedure, **44**
allowShellResize, **78**
AnyButton, 113
AnyKey, 111
AnyModifier, 111, 113
application context, **27**
ApplicationShell, **67**, 235
ApplicationShellPart, 11, 232
ApplicationShellWidget, 70, **74**
applicationShellWidgetClass, 41, 42
ApplicationShellWidgetClass, 70
applicationShellWidgetClass, 70
applicationShellClassRec, 76
applicationShellWidgetClass, 41, 248
Arg, **37**
ArgList, 11, **37**, 38, 46, 48

B

Below, 97, 98
Boolean, **10**, 161, 230
BottomIf, 97, 98
ButtonPress, 92, 110, 113, 119, 175, 183, 204, 240, 241, 242, 244
ButtonPressMask, 92
ButtonRelease, 110, 119, 204, 240, 241, 242, 244
ButtonReleaseMask, 92

C

calloc, 186
Cardinal, **10**, 38, 234
CenterGravity, 50, 150
Chaining, 46, 47, 145
  Subclass, 19
  superclass, 19
change_managed procedure, 59
CirculateNotify, 241, 244
CirculateRequest, 241, 244
Class Initialization, 21
class_initialize procedure, **21**, 145
class_name, **16**
ClientMessage, 125, 126, 127, 128, 241, 243, 244
colorConvertArgs, 148, 150, 158
ColormapNotify, 241, 244
Composite widgets, 57
Composite, **6**
CompositeClassExtension, **7**, 58, 63, 224, 227, 232
CompositeClassExtensionRec, **7**
CompositeClassPart, **6**, 7, 25
compositeClassRec, 8
CompositeP.h, 22
CompositePart, 6, **7**, 11, 49, 232
CompositeWidget, 7, **8**
  Resources, 8
CompositeWidgetClass, **7**
compositeWidgetClass, 7, 26, 40, 48, 50, 55, 57
CompositeWidgetClass, 58
compositeWidgetClass, 60, 61, 62, 63, 65, 67, 96
compositeWidgetClass, 53
compress_enterleave field, 122
compress_expose field, 122
compress_motion field, 121
Configure Window, 95
ConfigureNotify, 52, 58, 241, 244
ConfigureRequest, 241, 244
ConnectionClosed, 83, 86
ConstrainP.h, 15
Constraint.h, 13
Constraint, **8**
  get_values_hook, 66
ConstraintClassExtension, **9**, 66, 162
ConstraintClassExtensionRec, **9**, 20
ConstraintClassPart, 8, **9**, 20, 21, 25, 40, 47, 54, 55, 66, 140

constraintClassRec, 10
ConstraintPart, 8, **10**, 167
ConstraintWidget, 9, **10**
ConstraintWidgetClass, **9**
constraintWidgetClass, 9, 40, 50, 54, 55, 65, 144, 162, 164
constraintWidgetClass, 54, 55
ConvertSelection, 201
CopyFromParent, 50, 77, 78
Core, 1, **3**
CoreClassPart, **3**, 40, 41, 54, 89, 140, 171, 174, 220, 224, 230
coreClassRec, 5
CorePart, 3, **4**, 11, 88, 222, 223, 225, 226, 232
CoreRec, 11
CoreWidget, **5**
  Resources, 5
CoreWidgetClass, **3**
coreWidgetClass, 40, 50, 184
coreWidgetClassRec, 228
CreateNotify, 241, 244
create_popup_child_proc, 91
CurrentTime, 193, 194, 198, 199, 200, 202
CWBorderWidth, 97
CWHeight, 97, 98
CWSibling, 97
CWStackMode, 97, 103
CWWidth, 97, 98
CWX, 97
CWY, 97

D

deallocate procedure, **55**
DeleteProperties, 83
delete_child procedure, 59
Destroy Callbacks, 54, 136
destroy procedure, **54**
destroyCallback, 161
DestroyNotify, 241, 244
Die, 83, 86
Dimension, **10**
DirectColor, 150
Display, 27, 34
display_accelerator procedure, **177**
display_accelerator, 244

E

EastGravity, 50, 150
EnterNotify, 110, 119, 204, 240, 241, 243, 244, 246
EnterWindow, 92
EventMask,, 130
EventMask, 130
Events, 117
exit, 56
expose procedure, 123
Expose, 122, 123, 133, 166, 204, 241, 244

F

False, 5, 10, 21, 40, 48, 57, 58, 63, 64, 77, 78, 79, 80, 81, 82, 84, 85, 86, 91, 93, 109, 110, 115, 116, 117, 119, 120, 121, 124, 125, 132, 133, 149, 152, 159, 161, 191, 195, 197, 200, 211, 223
FocusChange, 115
FocusIn, 115, 116, 119, 241, 243, 244
FocusOut, 115, 116, 119, 241, 243, 244
font, 14
ForgetGravity, 150
free, 186

G

Geometry Management, 95
geometry_manager procedure, 95
get_values_hook procedure, 66, 162, **163**
Grabbing Input, 109
GrabModeAsync, 92
GrabNotViewable, 112, 114
GraphicsExpose,, 244
GraphicsExpose, 116, 122, 123, 125, 126, 127, 128, 133, 204, 241
GravityNotify, 241, 244
GrayScale, 150

I

IconicState, 80, 150
Inheritance, 19, 46, 47, 50, 145
Initialization, 21, 46, 47
initialize procedure, **46**, 47
initialize_hook procedure, **47**
Input Grabbing, 109
InputOnly, 50
InputOutput, 50
insert_child procedure, 24, **58**, 89, 247
Interact, 83, 85
InteractDone, 83, 85, 86
InteractRequest, 83, 85
Intrinsic.h, 4, 5, 7, 8, 9, 10, 118, 221, 222, 225, 226

IntrinsicP.h, 4, 7, 9, 221, 222

K

key modifier, 241
KeymapNotify, 241, 244
KeyPress, 92, 110, 111, 119, 181, 182, 183, 204, 240, 241, 242, 243, 244
KeyRelease, 110, 119, 181, 182, 204, 240, 241, 243, 244

L

language procedure, **30**
LC_ALL, 31
LeaveNotify, 110, 119, 204, 240, 241, 243, 244
libXt.a, 2

M

malloc, 186
MapNotify, 241, 244
MappingNotify, 125, 126, 127, 128, 179, 241, 243
MapRequest, 241, 244
MenuPopdown, **94**
MenuPopup, **92**
MotionNotify, 110, 119, 204, 240, 241, 242, 243, 244
multiClickTime, **174**

N

NoExpose, 116, 123, 124, 125, 126, 127, 128, 133, 241, 244
None, 6, 79, 80, 114, 132, 183, 193
NormalState, 150
NorthEastGravity, 150
NorthGravity, 150
NorthWestGravity, 49, 124, 150
NoSymbol, 179, 182

O

Object, 1, 214, **220**, 222
objectClass, 22, 143, 144, 145
ObjectClass, **221**
objectClass, **221**
ObjectClass, 222
objectClass, 222, 223, 224
ObjectClass, 228
ObjectClassExtension, 44, 54, 55, 222
ObjectClassExtensionRec, **221**
ObjectClassPart, 54, 140, **220**, 221, 224
objectClassRec, 5
ObjectClassRec, **221**
objectClassRec, 222
ObjectPart, 11, 220, **222**, 223, 225, 232
ObjectRec, 11, **222**
Opposite, 97, 98
OverrideShell, 67
OverrideShellWidget, 70
OverrideShellWidgetClass, 70
overrideShellWidgetClass, 70

P

ParentRelative, 6
Pixel, 152
pop-up, **88**
  child, 88, 89
  list, 88
  shell, 89
Position, **10**
PPosition, 78
printf, 206
PropertyNotify, 116, 204, 241, 243, 244
PseudoColor, 150
PSize, 78

Q

query_geometry procedure, **102**, 103

R

realize procedure, 50
realloc, 186
Rectangle, 224
RectObj, **224**, 225
rectObjClass, 145, 167, 224
RectObjClass, **225**
rectObjClass, 225, 226
RectObjClassPart, 54, 140, **224**, 225
rectObjClassRec, 5
RectObjClassRec, **225**
rectObjClassRec, 226, 228
RectObjPart, 11, **225**, 226, 232
RectObjRec, 11, **226**
ReparentNotify, 241, 244
resize procedure, **103**
ResizeRequest, 241, 244
Resource Management, 140
Resources:
  multiClickTime, 174
  reverseVideo, 149
  selectionTimeout, 36

synchronous, 36
xnlLanguage, 32
xtDefaultFont, 149
xtDefaultFontSet, 149
RestartAnyway, 150
RestartIfRunning, 150
RestartImmediately, 150
RestartNever, 150
root_geometry_manager procedure, 71

S

SaveComplete, 83, 86
SaveYourself, 83, 85
SaveYourselfDone, 83, 86
SaveYourselfPhase2, 83, 84
SaveYourselfPhase2Request, 83, 84
Screen, 152
screenConvertArg, 158
SelectionClear, 125, 126, 127, 128, 200, 204, 241, 243, 244
SelectionNotify, 125, 126, 127, 128, 193, 241, 243, 244
SelectionRequest, 125, 126, 127, 128, 191, 197, 241, 243, 244
Selections:
atomic, 190
incremental, 196
MULTIPLE, 191
TIMESTAMP, 191
selectionTimeout, **36**, 190
SessionShell, **67**, 235
sessionShellClassRec, 76
SessionShellWidget, 70, **74**
sessionShellWidgetClass, 43
SessionShellWidgetClass, 70
sessionShellWidgetClass, 70, 82
setlocale, 31
SetProperties, 83
set_values procedure, **165**, 167
set_values_almost procedure, **166**
set_values_hook procedure, 164, **168**
Shell.h, 71, 268
Shell, **67**
create_popup_child_proc, 91
root_geometry_manager, 71
wm_timeout, **71**
ShellClassExtension, **68**, 71
ShellClassExtensionRec, **68**
ShellClassPart, 25, 71
shellClassRec, 75
ShellP.h, 71
ShellPart, 11, **72**, 232
ShellWidget, 70, **73**
Resources, 75
ShellWidgetClass, 70
shellWidgetClass, 70, 91, 93
ShutdownCancelled, 83, 85
sizeof, 25, 142
SmDialogError, 85
SmDialogNormal, 84, 85
SmInteractStyleAny, 83
SmInteractStyleErrors, 83
SmInteractStyleNone, 83, 86
SmRestartAnyway, 82
SmRestartIfRunning, 81, 82
SmRestartImmediately, 82
SmRestartNever, 82
SmSaveBoth, 83
SmSaveGlobal, 83
SmSaveLocal, 83
SouthEastGravity, 150
SouthGravity, 150
SouthWestGravity, 150
special, 14
StaticColor, 150
StaticGravity, 150
StaticGray, 150
String Constants:
representation types, 265, 271
resource classes, 264, 269
resource names, 262, 268
String, 12, 38, 39, 46, 141, 151
string, 152
String, 239
StringDefs.h, 262
Subclass Chaining, **19**
Substitution, **211**
SubstructureNotify, 52
Superclass Chaining, **19**, 46, 47, 145
superclass, **15**
synchronous, **36**

T

TARGETS, 191
this, 14
TopIf, 97, 98
TopLevel, 80
TopLevelShell, 67
resources, 76
topLevelShellClassRec, 76
TopLevelShellPart, 11, 230, 231, 232
TopLevelShellWidget, 70
TopLevelShellWidgetClass, 70
topLevelShellWidgetClass, 70, 251

TransientShell, 67
  resources, 76
TransientShellPart, 230, 231
TransientShellWidget, 70
TransientShellWidgetClass, 70
transientShellWidgetClass, 70
transientShellClassRec, 76
Translation tables, 173, 239
True, 5, 10, 18, 28, 36, 48, 49, 53, 57, 58, 60, 61, 63, 64, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 91, 92, 93, 96, 109, 110, 111, 113, 115, 117, 119, 120, 121, 122, 124, 125, 126, 128, 132, 133, 149, 152, 159, 161, 165, 166, 191, 195, 197, 200, 211, 212, 224, 227, 232
TrueColor, 150

U

UnmapGravity, 150
UnmapNotify, 93, 241, 244
unrealizeCallback, **53**
USPosition, 78
USSize, 78

V

varargs, **38**
VendorShell, 67
VendorShellWidget, 70
VendorShellWidgetClass, 70
vendorShellWidgetClass, 70
version, **16**
Visibility, 124
VisibilityFullyObscured, 125
VisibilityNotify, 125, 133, 241, 244
VisibilityPartiallyObscured, 125
VisibilityUnobscured, 125

W

WestGravity, 50, 150
Widget Allocation, 44
Widget, 4, **5**
  class extension records, 24
  class initialization, 22, 145
WidgetClass, **3**, 4
widgetClass, 4
widgetClassRec, 15
WidgetList, 60
WidgetRec, 11
widget_class, **11**
widget_size, **16**
WMShell, 67, 236
  resources, 75
wmShellClassRec, 75
WMShellPart,, 230
WMShellPart, 11, 231, 232, 234, 235
WMShellWidget, 70
WMShellWidgetClass, 70
wmShellWidgetClass, 70
WM_COLORMAP_WINDOWS, **210**
wm_timeout, **71**

X

X11/Intrinsic.h, 1, 157
X11/IntrinsicP.h, 1, 19
X11/keysymdef.h, 244
X11/Shell.h, 1, 236
X11/StringDefs.h, 1, 11, 12, 141, 142
X11/X.h, 97
X11/Xatoms.h, 1
X11/Xaw/Label.h, 2
X11/Xaw/Scrollbar.h, 2
X11/Xresource.h, 151
X11/Xutil.h, 204
XAPPLRESDIR, **33**
XA_PRIMARY, 190, 193, 194
XA_SECONDARY, 190
XA_STRING, 191, 192
XClearArea, 165, 166
XCloseDisplay, 29
XConfigureWindow, 52, 60, 97, 101, 102
XCreateFontSet, 149
XCreateGC, 189
XCreateWindow, 49, 50
XDestroyWindow, 53, 54
XFILESEARCHPATH, **212**
XFilterEvent, 111, 113, 119, 132
XFreeGC, 55
XFreePixmap, 55
XGetWindowAttributes, 78
XGrabButton, 113
XGrabKey, 111
XGrabKeyboard, 112
XGrabPointer, 114
XListFonts, 149
XMapRaised, 91
XMatchVisualInfo, 150
xmh, 36
XMoveWindow, 60, 100
XNextEvent, 117
xnlLanguage, **32**, 212, 234
XOpenDisplay, 29, 34
XParseGeometry, 141
XPeekEvent, 117

XPending, 117
XPointer, 232
XResourceManagerString, 31
XrmGetDatabase, 34, 213
XrmOptionDescRec, **35**, 232
XrmParseCommand, 28, 35, 36, 249
XrmPutLineResource, 34
XrmSetDatabase, 28, 32
XrmStringToQuark, 24, 157
XrmValue, 143, 151, 232, 251
XScreenResourceString, 32
XSelectInput, 126, 127, 129, 130
XSetInputFocus, 114, 116
XSetLocaleModifiers, 31
XSetWindowAttributes, 48, 49, 50, 129
XSizeHints, 231
XStdICCTextStyle, 79, 80
XSupportsLocale, 31
XSynchronize, 28, 36
XtAcceptFocusProc, **115**
XtActionHookId, 173
XtActionHookProc, **172**
XtActionList, 170
XtActionProc, **170**
XtActionsRec, 170
XtAddActions, 172, 249, **254**
XtAddCallback, 54, **137**, 214, 215, 216, 223
XtAddCallbacks,, 215
XtAddCallbacks, **137**, 214, 216, 223
XtAddConverter, 161, **252**
XtAddEventHandler, 118, **125**, 126, 127, 128, 129, 228
XtAddExposureToRegion, **204**
XtAddGrab, 91, **110**, 119, 228
XtAddInput, 248, **250**
XtAddRawEventHandler, 126, **127**, 128, 228
XtAddress, **157**
XtAddressMode, 157
XtAddTimeOut, 248, **250**
XtAddWorkProc, 248, **251**
XtAllEvents, 126, 128
XtAllocateGC, **188**, 189
XtAllocateProc, **44**, 45
XtAlmostProc, **166**
XtAppAddActionHook., 172
XtAppAddActionHook, **173**
XtAppAddActions, **171**, 172, 254
XtAppAddBlockHook, **107**, 236
XtAppAddConverter, 161, **252**, 253
XtAppAddInput, 82, **105**, 106, 117, 250
XtAppAddSignal, **108**, 109, 236
XtAppAddTimeOut, 55, **107**, 108, 250
XtAppAddWorkProc, **121**, 251
XtAppContext, **27**
XtAppCreateShell, 26, 27, **41**, 42, 43, 144, 214, 228, 229, 248, 249, 251
XtAppError, **209**, 257
XtAppErrorMsg, 155, **208**, 209, 256, 257
XtAppGetErrorDatabase, **206**, 255
XtAppGetErrorDatabaseText, **206**, 207, 255
XtAppGetExitFlag, **135**, 236
XtAppGetSelectionTimeout, **190**, 255
XtAppInitialize, 27, 133, 229, 234, 235, **247**, 248
XtAppLock., 134
XtAppLock, 119, **134**, 135, 236
XtAppMainLoop, 105, 118, **119**, 135, 249
XtAppNextEvent, 108, 109, **117**, 118, 119, 121, 135, 249
XtAppPeekEvent, **117**, 135, 250
XtAppPending, 109, **117**, 250
XtAppProcessEvent, 108, 109, 117, **118**, 121, 135, 249
XtAppReleaseCacheRefs, **159**
XtAppSetErrorHandler, **209**, 257
XtAppSetErrorMsgHandler, **207**, 208, 255
XtAppSetExitFlag, **135**, 236
XtAppSetFallbackResources, 33, **34**, 43, 248
XtAppSetSelectionTimeout, **190**, 254
XtAppSetTypeConverter, **156**, 157, 253
XtAppSetWarningHandler, **210**, 257
XtAppSetWarningMsgHandler, **208**, 256
XtAppUnlock., 134
XtAppUnlock, 119, **134**, 135, 236
XtAppWarning, **210**, 257
XtAppWarningMsg, 152, 155, **208**, 210, 256, 257
XtAppAddBlockHook, 107
XtAppAddInput, 106
XtAppAddTimeOut, 108
XtArgsFunc, **168**
XtArgsProc, **47**, 163
XtArgVal, **10**, 37, 38, 39
XtAugmentTranslations, 175, **176**, 215, 216, 229
XtBaseOffset, **157**, 158
XtBlockHookProc, **107**
XtBuildEventMask, **129**, 130, 228
XtButtonBoxAddButton, 247
XtButtonBoxDeleteButton, 247
XtCacheAll, **155**, 159, 252, 253
XtCacheByDisplay, **155**, 159, 161
XtCacheNone, **155**, 159
XtCacheRef, 159, 160, 161
XtCacheRefCount, **155**, 159
XtCacheType, **155**
XtCallAcceptFocus, **116**, 229
XtCallActionProc, 173, 182, **183**, 184, 229
XtCallbackExclusive, 90, 91, **92**, 229

XtCallbackHasNone, 137, 139
XtCallbackHasSome, 139
XtCallbackList, **136**
XtCallbackNoList, 139
XtCallbackNone, 90, **91**, 92, 229
XtCallbackNonexclusive, 90, 91, **92**, 229
XtCallbackPopdown, **93**, 94, 229
XtCallbackProc, 54, **136**
XtCallbackRec, **136**
XtCallbackReleaseCacheRef, **160**, 161
XtCallbackReleaseCacheRefList, **160**
XtCallbackStatus, 137
XtCallCallbackList, 137, **139**, 214, 223
XtCallCallbacks, **138**, 139, 214, 223
XtCallConverter, 157, **158**, 159, 160, 253, 254
XtCalloc, 55, **186**, 187, 195, 200
XtCancelConvertSelectionProc, **198**
XtCancelSelectionRequest, **203**, 237
XtCaseProc, 179, **180**, 181, 232
XtChangeHookData, 215
XtChangeHookSetValuesData, **215**
XtChangeManagedSet, 57, **62**, 63, 216, 226, 235
XtCheckpointToken, **83**
XtCheckpointTokenRec, **83**
XtCheckSubclass, 2, **19**, 91, 93, 214, 223
XtClass, **18**, 214, 223, 224
XtCloseDisplay, **29**, 30, 155, 161
XtCompositeExtensionVersion, 7
XtConfigureHookData., 217
XtConfigureHookData, **217**
XtConfigureWidget, 60, 95, 99, 100, **101**, 226, 227
XtConstraintExtensionVersion, 9
XtConvert, 223, **253**, 254
XtConvertAndStore, 134, 158, **160**, 161, 223, 254
XtConvertArgProc, **157**, 158
XtConvertArgRec, 157
XtConvertCase, **181**
XtConverter, 232, **251**, 252
XtConvertSelectionIncrProc, **196**, 202
XtConvertSelectionProc, **190**, 191, 202
XtCreateApplicationContext, **27**, 43, 133, 172, 248
XtCreateApplicationShell, 249, **251**
XtCreateHookData, **214**
XtCreateManagedWidget, 57, **60**, 61, 155, 214, 226, 227, 229
XtCreatePopupChildProc, **91**
XtCreatePopupShell, 42, **89**, 90, 214, 228, 229
XtCreateSelectionRequest, 201, 202, 203, 237
XtCreateWidget, 5, 21, 36, **39**, 40, 41, 48, 57, 58, 61, 66, 136, 140, 145, 155, 161, 214, 223, 224, 227, 247
XtCreateWindow, **50**, 52, 228
XtCurrentDirectory, **150**
XtCvtColorToPixel, 150
XtCvtIntToBool, 150
XtCvtIntToBoolean, 150
XtCvtIntToColor, 150
XtCvtIntToDimension, 150
XtCvtIntToFloat, 150
XtCvtIntToFont, 150
XtCvtIntToPixel, 150
XtCvtIntToPixmap, 150
XtCvtIntToPosition, 150
XtCvtIntToShort, 150
XtCvtIntToUnsignedChar, 150
XtCvtPixelToColor, 151
XtCvtStringToAcceleratorTable, 148
XtCvtStringToAtom, 148
XtCvtStringToBool, 148
XtCvtStringToBoolean, 148
XtCvtStringToCommandArgArray, 148
XtCvtStringToCursor, 148
XtCvtStringToDimension, 148
XtCvtStringToDirectoryString, 148
XtCvtStringToDisplay, 148
XtCvtStringToFile, 148
XtCvtStringToFloat, 148
XtCvtStringToFont, 148
XtCvtStringToFontSet, 148
XtCvtStringToFontStruct, 148
XtCvtStringToGravity, 148
XtCvtStringToInitialState, 148
XtCvtStringToInt, 148
XtCvtStringToPixel, 148
XtCvtStringToPosition, 148
XtCvtStringToRestartStyle, 148
XtCvtStringToShort, 148
XtCvtStringToTranslationTable, 148
XtCvtStringToUnsignedChar, 148
XtCvtStringToVisual, 148
XtCWQueryOnly, 97, 98, 99, 100
XtDatabase, **34**
XtDeallocateProc, **55**, 56
XtDefaultBackground, 5, 36, **149**, 154
XtDefaultFont, **149**, 154
XtDefaultFontSet, **149**
XtDefaultForeground, 5, 36, 143, **149**, 154
XtDestroyApplicationContext, **27**, 30, 56
XtDestroyGC, **254**
XtDestroyHookData, 218
XtDestroyWidget, 26, **53**, 54, 55, 56, 57, 59, 61, 66, 88, 218, 223
XtDestroyWidget, 48
XtDestructor, **154**
XtDirectConvert, 157, 160, **253**, 254
XtDisownSelection, **195**, 200, 228

XtDispatchEvent, 53, 110, 111, 113, 115, **118**, 119, 132, 204, 234, 236, 249
XtDispatchEventToWidget, 132, **133**, 228, 236
XtDisplay, **51**, 228
XtDisplayInitialize, 27, **28**, 29, 30, 31, 32, 34, 35, 36, 41, 42, 43, 174, 190, 207, 212, 234, 248
XtDisplayOfObject, **51**, 214, 223
XtDisplayStringConversionWarning, **154**, 155, 252
XtDisplayToApplicationContext, 152, **155**
XtDoChangeProc, 63
XtEnum, **10**, 230
XtError, 208, 255, **257**
XtErrorHandler, **209**
XtErrorMsg, 19, 186, 187, **255**
XtErrorMsgHandler, **206**
XtEventDispatchProc, **132**
XtEventHandler, **125**, 230
XtExposeCompressMaximal, 123
XtExposeCompressMultiple, **123**
XtExposeCompressSeries, **122**
XtExposeGraphicsExpose, 122, **123**
XtExposeGraphicsExposeMerged, 122, **123**
XtExposeNoCompress, **122**, 124
XtExposeNoExpose, 122, **123**
XtExposeNoRegion, 122, 123, 124, 235
XtExposeProc, **123**
XtExtensionSelectProc, 131
XtFilePredicate, **211**
XtFindFile, **211**, 212
XtFree, 38, 39, 55, 143, 144, 182, 184, 186, **187**, 188, 191, 193, 197, 202, 212, 213, 219
XtGeometryAlmost, 71, 96, 98, 99, 100, 103, 165, 167
XtGeometryDone, 97, 99, 165
XtGeometryHandler, **99**, 102
XtGeometryHookData, 218
XtGeometryMask, 96
XtGeometryNo, 71, 78, 96, 99, 103, 165, 167
XtGeometryResult, 97
XtGeometryYes, 71, 96, 97, 99, 100, 103, 164, 228
XtGetActionKeysym, **181**, 182
XtGetActionList, **184**
XtGetApplicationNameAndClass, **207**, 213
XtGetApplicationResources, **147**, 148, 152, 155, 158, 223
XtGetClassExtension, **25**, 235
XtGetConstraintResourceList, **143**, 144, 223
XtGetDisplays, **218**, 237
XtGetErrorDatabase, **255**
XtGetErrorDatabaseText, **255**
XtGetErrorDatbaseText, 255
XtGetGC, 55, **189**, 223
XtGetKeyboardFocusWidget, **132**, 236
XtGetKeysymTable, **179**, 182
XtGetMultiClickTime, **175**
XtGetResourceList, **143**, 223
XtGetSelectionParameters, **201**, 202, 237
XtGetSelectionRequest, **191**, 197, 228
XtGetSelectionTimeout, 249, **254**
XtGetSelectionValue, **193**, 194, 198, 201, 202, 203, 228
XtGetSelectionValueIncremental, **198**, 199, 201, 202, 203, 228
XtGetSelectionValues, **193**, 194, 201, 202, 203, 228
XtGetSelectionValuesIncremental, 198, **199**, 201, 202, 203, 228
XtGetSubresources, **145**, 146, 147, 152, 155, 158, 223
XtGetSubvalues, **163**, 164
XtGetValues, 66, 78, 136, 140, 144, **161**, 162, 163, 214, 223
XtGrabButton, **112**, 113, 119, 183, 228
XtGrabExclusive, 91, 92, 93
XtGrabKey, **111**, 112, 115, 119, 183, 228
XtGrabKeyboard, **112**, 115, 228
XtGrabKind, 90
XtGrabNone, 80, 92
XtGrabNonexclusive, 91, 92, 93
XtGrabPointer, **114**, 228
XtHaddCallback, 216
XtHaddCallbacks, 216
XtHasCallbacks, **139**, 214, 223
XtHaugmentTranslations, 216
XtHconfigure, 217
XtHcreate, 215
XtHdestroy, 218
XtHmanageChildren, 215
XtHmanageSet, 216
XtHmapWidget, 217
XtHooksOfDisplay, **214**, 237
XtHoverrideTranslations, 216
XtHpopdown, 217
XtHpopup, 217
XtHpopupSpringLoaded, 217
XtHpostGeometry, 218
XtHpreGeometry, 218
XtHrealizeWidget, 216
XtHremoveAllCallbacks, 216
XtHremoveCallback, 216
XtHremoveCallbacks, 216
XtHsetKeyboardFocus, 216
XtHsetMappedWhenManaged, 217
XtHsetValues, 215
XtHsetWMColormapWindows, 217

XtHuninstallTranslations, 216
XtHunmanageChildren, 215
XtHunmanageSet, 216
XtHunmapWidget, 217
XtHunrealizeWidget, 216
XtIMAll, 118
XtIMAlternateInput, 117, 118
XtImmediate, **157**
XtIMSignal, 109, 117, 118
XtIMTimer, 117, 118
XtIMXEvent, 117, 118
XtInherit, 22
XtInheritAcceptFocus, 23
XtInheritAllocate, 23, 45, 55
XtInheritChangeManaged, 23, 63
XtInheritDeallocate, 23, 45, 55
XtInheritDeleteChild, 23
XtInheritDisplayAccelerator, 23
XtInheritExpose, 23
XtInheritGeometryManager, 23
XtInheritInsertChild, 23
XtInheritQueryGeometry, 23
XtInheritRealize, 23
XtInheritResize, 23
XtInheritRootGeometryManager, 23, 71
XtInheritSetValuesAlmost, 23, 167
XtInheritTranslations, 23, 174
XtInitialize, 234, 248, **249**, 250, 251, 254, 255
XtInitializeWidgetClass, **22**, 223
XtInitProc, **46**, 47, 230, 231
XtInputCallbackProc, **106**
XtInputExceptMask, **106**
XtInputReadMask, **106**
XtInputWriteMask, **106**
XtInsertEventHandler, **126**, 127, 128, 129, 228
XtInsertEventTypeHandler, 129, 130, 131, 228, 236
XtInsertRawEventHandler, 126, **128**, 129, 130, 228
XtInstallAccelerators, **178**, 229
XtInstallAllAccelerators, **178**, 229
XtIsApplicationShell, **19**, 214, 223
XtIsComposite, **19**, 214, 223
XtIsConstraint, **19**, 214, 223
XtIsManaged, **64**, 223
XtIsObject, **19**, 214, 223
XtIsOverrideShell, **19**, 214, 223
XtIsRealized, **49**, 223
XtIsRectObj, **19**, 214, 223
XtIsSensitive, **120**, 223
XtIsSessionShell, **19**, 214, 223, 235
XtIsShell, **19**, 214, 223
XtIsSubclass, **18**, 19, 214, 223
XtIsTopLevelShell, **19**
XtIsToplevelShell, 214, 223
XtIsTransientShell, **19**, 214, 223
XtIsVendorShell, **19**, 214, 223
XtIsWidget, **19**, 214, 223
XtIsWMShell, **19**, 214, 223
XtKeyProc, **178**, 180, 181, 241
XtKeysymToKeycodeList, **182**
XtLabelCreate, 247
XtLanguageProc, **30**
XtLastEventProcessed, **204**, 236
XtLastTimestampProcessed, 119, **204**
XtListHead, 127
XtListPosition, **126**
XtListTail, 127, 130
XtLoseSelectionIncrProc, **197**
XtLoseSelectionProc, **192**
XtMainLoop, 248, **249**
XtMakeGeometryRequest, 26, 71, 95, **96**, 97, 98, 99, 100, 102, 103, 104, 218, 226, 228
XtMakeResizeRequest, 71, 95, **98**, 102, 103, 104, 218, 226, 228
XtMalloc, 55, **186**, 187, 195, 200
XtManageChild, 24, 36, 57, **60**, 61, 215, 226, 247
XtManageChildren, 48, 57, **59**, 60, 63, 215, 226, 247
XtMapWidget, **64**, 215, 217, 229
XtMenuPopdown, 78, 93, **94**, 172, 254
XtMenuPopup, 78, 89, 90, **92**, 93, 172, 254
XtMenuPopupAction, 92
XtMergeArgLists, **38**
XtMoveWidget, 60, 95, **100**, 226, 227
XtMoveWidget, 95
XtName, **52**, 214, 223
XtNameToWidget, **185**, 186, 223, 228
XtNchildren, 8
XtNew, 2, **187**
XtNewString, **187**, 188
XtNextEvent, 248, **249**
XtNinitialResourcesPersistent, **161**
XtNinsertPosition, 8, 58
XtNnumChildren, 8
XtNoticeSignal, 108, **109**, 236
XtNumber, 2, 38, **185**
XtNunrealizeCallback, 53
XtObjectExtensionVersion, 222
XtOffset, 2, **145**
XtOffsetOf, 2, 142, **144**, 145
XtOpenApplication, 27, 42, **43**, 44, 133, 228, 235, 247, 249
XtOpenDisplay, 27, **28**, 29, 34, 43, 234, 248, 249
XtOrderProc, **58**
XtOverrideTranslations, 175, **176**, 215, 216, 229

XtOwnSelection, 191, **194**, 195, 228
XtOwnSelectionIncremental, 191, 197, **199**, 200, 228
XtParent, **51**, 214, 223
XtParseAcceleratorTable, **178**
XtParseTranslationTable, 174, **175**
XtPeekEvent, 248, **249**, 250
XtPending, 248, **250**
XtPointer, **10**, 143, 160, 230
XtPopdown, 78, **93**, 94, 215, 217, 229
XtPopdownID, 93
XtPopup, 78, 80, 90, **91**, 92, 109, 110, 215, 217, 229
XtPopupSpringLoaded, 90, 91, 92, 215, 217, 229
XtProc, **21**
XtProcedureArg, **157**
XtProcessEvent, 248, **249**
XtProcessLock., 135
XtProcessLock, **135**, 236
XtProcessUnlock, **135**, 236
XtQueryGeometry, **102**, 103, 226, 231
XtQueryOnly, 228
XtRAcceleratorTable, 141, 148
XTranslateCoordinates, 205
XtRAtom, 141, 148
XtRBitmap, 141
XtRBool, 141, 148, 150
XtRBoolean, 141, 148, 150
XtRCallback, 137, 139, 141
XtRCardinal, 141
XtRColor, 141, 150, 151
XtRColormap, 141
XtRCommandArgArray, 141, 148
XtRCursor, 141, 148
XtRDimension, 141, 148, 150
XtRDirectoryString, 141, 148
XtRDisplay, 141, 148
XtRealizeProc, **49**
XtRealizeWidget, 26, 37, **48**, 49, 50, 60, 63, 90, 91, 124, 129, 215, 216, 229
XtRealloc, 186, **187**, 195, 200
XtREditMode, 142
XtRegisterCaseConverter, **181**
XtRegisterDrawable, **116**, 117, 205, 228, 236
XtRegisterExtensionSelector, **131**, 236
XtRegisterGrabAction, 92, **182**, 183
XtReleaseGC, 55, **189**, 223, 254
XtReleasePropertyAtom, 203, 204, 237
XtRemoveActionHook, **173**
XtRemoveAllCallbacks, **138**, 214, 215, 216, 223
XtRemoveBlockHook, **107**, 236
XtRemoveCallback, 54, **138**, 214, 215, 216, 223
XtRemoveCallbacks, **138**, 214, 215, 216, 223
XtRemoveEventHandler, 55, **126**, 228
XtRemoveEventTypeHandler, 130, 228, 236
XtRemoveGrab, 93, 110, **111**, 228
XtRemoveInput, **106**
XtRemoveRawEventHandler, **128**, 130, 228
XtRemoveSignal, **109**, 236
XtRemoveTimeOut, 55, **108**
XtRemoveWorkProc, **121**
XtREnum, 141
XtREnvironmentArray, 141
XtRequestId, **196**
XtReservePropertyAtom, 203, 204, 237
XtResizeWidget, 60, 95, 99, 100, **101**, 102, 103, 226, 227
XtResizeWindow, **101**, 102, 217, 229
XtResolvePathname, 32, 33, 211, **212**, 233
XtResource, 140
XtResourceDefaultProc, 143
XtResourceList, 11, 140
XtResourceQuark, **157**, 158
XtResourceString, **157**, 158
XtRFile, 141, 148
XtRFloat, 141, 148, 150
XtRFont, 141, 148, 149, 150
XtRFontSet, 141, 148, 149
XtRFontStruct, 141, 148, 149
XtRFunction, 141
XtRGeometry, 141
XtRGravity, 141, 148
XtRInitialState, 141, 148
XtRInt, 141, 148, 150
XtRJustify, 142
XtRLongBoolean, 141
XtRObject, 141
XtROrientation, 142
XtRPixel, 141, 148, 150, 151
XtRPixmap, 141, 150
XtRPointer, 141
XtRPosition, 141, 148, 150
XtRRestartStyle, 141, 148
XtRScreen, 141
XtRShort, 141, 148, 150
XtRSmcConn, 141
XtRString, 141, 143, 148, 149, 152
XtRStringArray, 141
XtRStringTable, 141
XtRTranslationTable, 141, 148
XtRUnsignedChar, 141, 148, 150
XtRVisual, 141, 148, 150
XtRWidget, 141
XtRWidgetClass, 141
XtRWidgetList, 141
XtRWindow, 141

XtScreen, **51**, 52, 228
XtScreenDatabase, 31, **33**, 34
XtScreenOfObject, **51**, 52, 214, 223
XtSelectionCallbackProc, **192**
XtSelectionDoneIncrProc, **197**
XtSelectionDoneProc, 191, **192**
XtSendSelectionRequest., 201
XtSendSelectionRequest, 202, 203, 237
XtSessionGetToken, **84**, 85, 86, 236
XtSessionReturnToken, **84**, 85, 86, 236
XtSetArg, 2, **37**, 38
XtSetErrorHandler, **256**
XtSetErrorMsgHandler, **255**
XtSetEventDispatcher, **132**, 236
XtSetKeyboardFocus, **114**, 115, 215, 216, 223, 229
XtSetKeyTranslator, **180**
XtSetLanguageProc, 26, 27, **30**, 31, 133, 234
XtSetMappedWhenManaged, 48, 57, **64**, 215, 217, 229
XtSetMultiClickTime, **174**, 175
XtSetSelectionParameters, **200**, 201, 237
XtSetSelectionTimeout, 249, **254**
XtSetSensitive, 90, 92, 94, **120**, 226
XtSetSubvalues, **167**, 168
XtSetTypeConverter, **156**, 157, 252
XtSetValues, 11, 52, 64, 66, 86, 90, 95, 96, 120, 136, 140, 144, **164**, 165, 166, 167, 168, 169, 176, 214, 215, 223, 227
XtSetValuesFunc, **165**, 167, 230, 231
XtSetWarningHandler, **257**
XtSetWarningMsgHandler, **256**
XtSetWMColormapWindows, **210**, 215, 217, 229
XtShellExtensionVersion, **71**
XtSignalCallbackProc, **109**
XtSMDontChange, 97, 98, 103
XtSpecificationRelease, 16, **230**
XtStringConversionWarning, **252**
XtStringProc, **177**
XtSuperclass, **18**, 24, 214, 223, 224
XtTimerCallbackProc, **108**
XtToolkitInitialize, 26, **27**, 43, 235, 248, 249
XtToolkitThreadInitialize, 26, 27, **133**, 236
XtTranslateCoords, **205**, 227
XtTranslateKey, 180
XtTranslateKeycode, **180**, 182
XtTranslations, 175
XtTypeConverter, **151**, 252
XtTypedArgList, **44**
XtUngrabButton, **113**, 228
XtUngrabKey, **111**, 112, 228
XtUngrabKeyboard, 111, **112**, 115, 119, 228
XtUngrabPointer, 113, **114**, 119, 228
XtUninstallTranslations, **177**, 215, 216, 229
XtUnmanageChild, 53, 57, **62**, 215, 226
XtUnmanageChildren, 57, **61**, 62, 63, 215, 226, 235, 247
XtUnmanageChildren, 48
XtUnmapWidget, 56, **64**, 215, 217, 229
XtUnrealizeWidget, 48, **52**, 53, 215, 216, 229, 231
XtUnregisterDrawable, **117**, 236
XtUnspecifiedPixmap, 5, **6**, 49
XtUnspecifiedShellInt, **78**, 79
XtUnspecifiedWindow, 78, **80**
XtUnspecifiedWindowGroup, **80**
XtVaAppCreateShell, **42**, 228, 229
XtVaAppInitialize, 229, 234, 247, **248**
XtVaCreateArgsList, **39**
XtVaCreateManagedWidget, 60, **61**, 226, 227, 229
XtVaCreatePopupShell, **89**, 90, 228, 229
XtVaCreateWidget, 38, **40**, 41, 48, 223
XtVaGetApplicationResources, **147**, 148, 158, 223
XtVaGetSubresources, **146**, 147, 158, 223
XtVaGetSubvalues, **163**, 164
XtVaGetValues, **162**, 163, 214, 223
XtVaNestedList, 38, **39**
XtVaOpenApplication, 42, **43**, 44, 228, 247
XtVarArgsList, 39
XtVaSetSubvalues, **168**
XtVaSetValues, **165**, 169, 214, 215, 223
XtVaTypedArg, **38**, 39, 44, 46, 48, 162, 164, 168
XtVersion, 16
XtVersionDontCheck, 16
XtWarning, 31, 208, 256, **257**
XtWarningMsg, 251, **256**
XtWidgetBaseOffset, **157**, 158
XtWidgetClassProc, **21**
XtWidgetGeometry, 96, 97, 98, 102
XtWidgetProc, **54**, 55, 58, 59, 103
XtWidgetToApplicationContext, **27**, 28, 214, 223
XtWindow, **51**, 52, 228
XtWindowOfObject, 51, **52**, 223
XtWindowToWidget, 116, **205**, 229, 236
XtWorkProc, **121**
XT_CONVERT_FAIL, 193, 199
XUngrabButton, 113
XUngrabKey, 112
XUngrabKeyboard, 112
XUngrabPointer, 114
XUSERFILESEARCHPATH, **33**
XWMGeometry, 77, 79, 80

,

DISPLAY, 29
FALSE, 10

LANG, 32
NULLQUARK, 7, 9, 24, 40, 45, 54, 55, 63, 66, 71, 162, 221
RESOURCE_NAME, 29
SESSION_MANAGER, 82
SM_CLIENT_ID, 81
TRUE, 10
WM_CHANGE_STATE, 80
WM_CLASS, 41
WM_CLIENT_LEADER, 79
WM_COMMAND, 42, 81
WM_ICON_NAME, 80
WM_NAME, 79
WM_TRANSIENT_FOR, 67, 79, 80
WM_WINDOW_ROLE, 79
XAPPLRESDIR, 33
XENVIRONMENT, 32
XFILESEARCHPATH, 212, 213, 233
XUSERFILESEARCHPATH, 32, 33, 233

_

_XtDefaultError, **209**
_XtDefaultErrorMsg, 208
_XtDefaultWarning, **210**
_XtDefaultWarningMsg, **208**
_XtError, 257
_XtInherit, 22
_XtWarning, 257