

Index

#

#define, 59, 320

#include, 389

\$

\$HOME/.Xdefaults-name, 434

\$HOME/.Xdefaults, 434

/

/etc/X?.hosts, 179

<

<stdio.h>, 427

<X11/cursorfont.h>, 3

<X11/keysym.h>, 4, 250

<X11/keysymdef.h>, 3, 4, 250, 371

<X11/X.h>, 2, 3, 123, 183, 185

<X11/X10.h>, 4, 435

<X11/Xatom.h>, 3, 59, 156, 320, 349

<X11/Xcms.h>, 3, 75

<X11/Xlib.h>, 3, 4, 8, 75, 184, 318, 383, 406, 415, 416

<X11/Xlibint.h>, 4, 405, 418, 419, 421

<X11/Xproto.h>, 4, 201, 227, 419, 420, 421

<X11/Xprotostr.h>, 4

<X11/Xresource.h>, 3, 353

<X11/Xutil.h>, 3, 331, 333, 337, 341, 374, 375, 381, 384, 390, 429

A

Above, 43, 210

Access control list, 178, **439**

Active grab, **232**, **439**

AllHints, 331

AllocAll, 81, 82, 90, 350

Allocation:

colormap, 85

read-only colormap cells, 84, 85, 86

read/write colormap cells, 87

read/write colormap planes, 88

AllocNamedColor, 227

AllocNone, 81

AllowEvents, 242

AllowExposures, 176, 178

AllPlanes, **9**, 124

AllTemporary, 176

AlreadyGrabbed, 234, 238

Always, 20, 34, 49, 55, 200

Ancestors, **439**

AnyButton, 235, 236, 237

AnyKey, 239, 240

AnyModifier, 235, 236, 237, 239, 240

AnyPropertyType, 62, 64

ArcChord, 127, 138, 151

ArcPieSlice, 123, 127, 138, 151

Arcs:

drawing, 146

filling, 150

Areas:

clearing, 139

copying, 140

AsyncBoth, 240, 241

AsyncKeyboard, 240, 241, 242

AsyncPointer, 240, 241, 242

Atom, 58, 59, 304, 324, 420, 422, **439**

getting name, 61

interning, 60

predefined, 58, 320

Authentication, 178

AutoRepeatModeDefault, 245

AutoRepeatModeOff, 245, 246, 247

AutoRepeatModeOn, 245, 246, 247

B

B16, 419

B32, 419

Background, **439**

Backing store, **439**

BadAccess, 49, 90, 91, 92, 93, 179, 180, 181, 182, **227**, 237, 240

BadAlloc, 38, 60, 61, 65, 69, 70, 71, 72, 81, 82, 128, 130, 131, 132, 133, 135, 136, 137, 138, 155, **227**, 253, 254, 328, 329, 331, 333, 335, 336, 337, 338, 339, 340, 342, 344, 345, 350, 380, 387, 389, 390, 429, 430, 431, 432

BadAtom, 61, 62, 64, 65, 66, 67, 68, **227**, 229, 264, 265, 295, 297, 304, 328, 336, 337, 350, 351, 431, 432

BadColor, 38, 49, 51, 82, 83, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 173, 174, **227**, 229, 295, 297, 304

BadCursor, 38, 49, 52, 73, 74, **227**, 229, 234, 235,

- 237, 297, 305
 - BadDrawable, 55, 56, 69, 73, 128, 134, 135, 141, 142, 143, 145, 146, 148, 149, 150, 151, 164, 165, 166, 168, 169, 170, **227**, 229, 387, 388, 389, 432
 - BadFont, 71, 128, 136, 156, 162, 163, 164, **227**, 229, 277
 - BadGC, 23, 128, 129, 130, 131, 132, 133, 135, 136, 137, 138, 141, 142, 143, 145, 146, 148, 149, 150, 151, 162, 164, 165, 166, 168, 170, **227**, 229, 387, 389, 390
 - BadIDChoice, **227**
 - BadImplementation, 227, **229**
 - BadLength, 227, **229**, 254, 419
 - BadMatch, 30, 32, 33, 35, 37, 38, 42, 43, 44, 48, 49, 50, 51, 65, 66, 72, 81, 126, 127, 128, 134, 135, 137, 140, 141, 142, 143, 145, 146, 148, 149, 150, 151, 164, 165, 166, 168, 169, 170, 171, 172, 173, 227, **229**, 244, 245, 246, 323, 381, 388, 389
 - BadName, 93, 155, 227, **229**
 - BadPixmap, 38, 49, 50, 51, 70, 72, 128, 135, 137, 227, **229**, 295, 297, 304
 - BadRequest, 227, **229**
 - BadValue, 23, 36, 38, 42, 44, 45, 47, 49, 60, 61, 64, 65, 69, 70, 71, 81, 88, 89, 90, 91, 92, 93, 94, 95, 126, 128, 130, 131, 132, 133, 134, 137, 138, 140, 141, 142, 143, 145, 150, 168, 169, 170, 172, 175, 176, 177, 178, 179, 180, 181, 225, 227, **229**, 234, 235, 237, 238, 240, 242, 244, 245, 246, 247, 248, 249, 251, 252, 253, 254, 323, 328, 389
 - BadWindow, 38, 39, 40, 41, 42, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 55, 57, 58, 64, 65, 66, 67, 68, 81, 140, 172, 173, 174, 217, 225, 226, 227, **229**, 234, 237, 238, 240, 243, 244, 295, 297, 300, 322, 323, 328, 329, 330, 331, 333, 335, 336, 337, 338, 339, 340, 341, 342, 344, 345, 350, 351, 429, 430, 431, 432
 - Base font name, **439**
 - Below, 43
 - Bit:
 - gravity, **439**
 - plane, **439**
 - Bitmap, 2, **439**
 - BitmapBitOrder, **17**
 - BitmapFileInvalid, 387
 - BitmapNoMemory, 387, 388
 - BitmapOpenFailed, 387, 388
 - BitmapPad, **17**
 - BitmapSuccess, 387, 388
 - BitmapUnit, **16**
 - BlackPixel, **9**
 - BlackPixelOfScreen, **18**
 - Bool, **4**, 185, 221, 222, 294, 295, 410
 - Border, **440**
 - BottomIf, 43, 44
 - Button1, 191
 - Button1Mask, 191, 193
 - Button1Motion, 35
 - Button1MotionMask, 186, 189, 191, 233
 - Button2, 191
 - Button2Mask, 191, 193
 - Button2Motion, 35
 - Button2MotionMask, 186, 191, 233
 - Button3, 191
 - Button3Mask, 191, 193
 - Button3Motion, 35
 - Button3MotionMask, 186, 191, 233
 - Button4, 191
 - Button4Mask, 191, 193
 - Button4Motion, 35
 - Button4MotionMask, 186, 191, 233
 - Button5, 191
 - Button5Mask, 191, 193
 - Button5Motion, 35
 - Button5MotionMask, 186, 189, 191, 233
 - Button:
 - grabbing, 235, **440**
 - ungrabbing, 237
 - ButtonMotion, 35
 - ButtonMotionMask, 186, 187, 189, 233
 - ButtonPress, 35, 183, 186, **189**, 195, 217, 236, 241
 - ButtonPressMask, 49, 186, 189, 217, 233
 - ButtonRelease, 35, 183, **189**, 195, 241
 - ButtonReleaseMask, 186, 189, 233
 - Byte:
 - order, **440**
- ## C
- CallbackPrototype, **306**
 - calloc, 426
 - CapButt, 123, 125, 132
 - CapNotLast, 125, 132
 - CapProjecting, 125, 132
 - CapRound, 125, 132
 - CARD16, 427
 - CARD32, 427
 - CCC, 80
 - creation, 99
 - default, 80, 95, 96
 - freeing, 100
 - of colormap, 80, 95, 96
 - CellsOfScreen, **19**
 - CenterGravity, 33, 54, 55
 - Changing:
 - pointer grab, 235
 - char, 62, 64, 65, 427

- Character glyph, **440**
- Character set, **440**
- Character, **440**
- Charset, **440**
- CharSetEncoding, 269, 270, 439, 442
- CharSetRegistry, 269, 270, 439, 442
- Child window, 1
- Child Window, 53
- Children, **440**
- Chroma, 111, 112, 113
 - maximum, 111, 112, 113
- CIE metric lightness, 108, 109, 110, 111
 - maximum, 108, 109, 110
 - minimum, 109, 111
- CirculateNotify, 47, 183, 186, 192, 201, **202**, 208
- CirculateRequest, 47, 183, **208**, 209, 216
- Class, **440**
- Clearing:
 - areas, 139
 - windows, 140
- Client White Point, 80
 - of Color Conversion Context, 97
- Client, **440**
- ClientMessage, 59, 183, 186, **212**, 322
- ClientWhitePointOfCCC, **97**
- ClipByChildren, 123, 127, 138, 139
- Clipping region, **441**
- Coded character set, **441**
- Coded character, **441**
- Codepoint, **441**
- Color Characterization Data, 119
- Color Conversion Context, 80
 - creation, 80, 95, 99
 - default, 80, 95, 96
 - freeing, 100
 - of colormap, 80, 95, 96
- Color conversion, 100
- Color map, 76, 85
- Color, 76
 - allocation, 84, 85, 86, 87, 88
 - conversion, 100
 - deallocation, 89
 - naming, 82, 83, 85, 86, 92
 - querying, 93, 94
 - storing, 90, 91, 92
- Colormap, 2, 23, 24, 304, 420, **441**
 - CCC of, 95, 96
- ColormapChangeMask, 186, 211
- ColormapInstalled, 212
- ColormapNotify, 49, 82, 173, 174, 183, **211**
- Colormaps:
 - standard, 349
- ColormapUninstalled, 212
- Complex, 150
- ConfigureNotify, 43, 183, 186, 192, 201, **202**, 208
- ConfigureRequest, 2, 43, 44, 45, 46, 47, 48, 183, 208, **209**, 216
- ConfigureRequestEvent, 323
- ConfigureWindow, 209, 210, 323
- Connection, **441**
- ConnectionNumber, **9**
- Containment, **441**
- Control, 254
- ControlMask, 191, 193, 233, 237
- ConvertSelection, 214
- Convex, 150
- Coordinate system, **441**
- CoordModeOrigin, 143, 144, 145, 150
- CoordModePrevious, 143, 144, 145, 150
- CopyArea, 141
- CopyFromParent, 31, 33, 35, 36, 49, 51
- Copying:
 - areas, 140
 - planes, 141
- CreateNotify, 37, 38, 183, 186, 201, **203**
- CurrentTime, 67, 68, 186, 214, 215, 225, 226, **232**, 233, 234, 235, 237, 238, 240, 243, 244, 449
- Cursor, 2, 23, 24, 305, 420, **441**
 - Initial State, 38
 - limitations, 73
- CursorShape, 133, 134
- Cut Buffers, 380
- CWBackingPixel, 30
- CWBackingPlanes, 30
- CWBackingStore, 30
- CWBackPixel, 30
- CWBackPixmap, 30
- CWBitGravity, 30
- CWBorderPixel, 30
- CWBorderPixmap, 30
- CWBorderWidth, 42
- CWColormap, 30
- CWCursor, 30
- CWDontPropagate, 30
- CWEventMask, 30
- CWHeight, 42
- CWOverrideRedirect, 30
- CWSaveUnder, 30
- CWSibling, 42
- CWStackMode, 42
- CWWidth, 42
- CWWinGravity, 30
- CWX, 42

CWY, 42

D

Data16, 423

Data32, 423

Data, 422, 423, 426

Debugging:

error event, 227

error handlers, 227

error message strings, 229

error numbers, 227

synchronous mode, 226

Default Protection, 178

DefaultBlanking, 176, 178

DefaultColormap, **10**, 76

DefaultColormapOfScreen, **19**

DefaultDepth, **10**

DefaultDepthOfScreen, **19**

DefaultExposures, 176, 178

DefaultGC, **11**

DefaultGCOfScreen, **19**

DefaultRootWindow, **11**

DefaultScreen, 7, 8, **12**

DefaultScreenOfDisplay, **11**

DefaultVisual, **12**, 76

DefaultVisualOfScreen, **19**

Depth, **441**

Destination, **123**

DestroyAll, 23, 24

DestroyCallback, **294**, **307**

DestroyNotify, 39, 183, 186, 201, **204**

Device Color Characterization, 118

Device profile, 80, 119

Device, **441**

DirectColor, 28, 29, 76, 81, 88, 89, 349, **441**, 449

DisableAccess, 181

Display Functions, **123**

Display, 8, 23, 254, 415, 416, 417, 421, 423, **442**, 448

data structure, 8

structure, 442, 448

DisplayCells, **12**

DisplayHeight, **17**

DisplayHeightMM, **17**

DisplayOfCCC, **96**

DisplayOfScreen, **20**

DisplayPlanes, **12**

DisplayString, **13**

DisplayWidth, **18**

DisplayWidthMM, **18**

DoBlue, 76, 83, 90, 91, 92, 93, 94

DoesBackingStore, **20**

DoesSaveUnders, **20**

DoGreen, 76, 83, 90, 91, 92, 93, 94

DontAllowExposures, 176, 178

DontPreferBlanking, 176, 178

DoRed, 76, 83, 90, 91, 92, 93, 94

Drawable, 2, 420, 422, **442**

Drawing:

arcs, 146

image text, 165

lines, 143

points, 142

polygons, 143

rectangles, 145

strings, 164

text items, 163

E

EastGravity, 33, 54, 55

EnableAccess, 181

Encoding, **442**

EnterNotify, 183, **192**, 193, 194, 195, 196, 199, 208, 234

EnterWindowMask, 186, 192, 233

Environment:

DISPLAY, 7

Error:

codes, 227

handlers, 227

handling, 3

Escapement, **442**

EvenOddRule, 123, 127, 133, 376

Event mask, **185**

Event, 2, 183, **442**

categories, 183

Exposure, **443**

mask, **442**

propagation, 216, **442**

source, **442**

synchronization, **442**

types, 183

EventMaskOfScreen, **20**

Events:

ButtonPress, 189

ButtonRelease, 189

CirculateNotify, 202

CirculateRequest, 208

ClientMessage, 212

ColormapNotify, 211

ConfigureNotify, 202

ConfigureRequest, 209

CreateNotify, 203

DestroyNotify, 204

EnterNotify, 192
 Expose, 199
 FocusIn, 195
 FocusOut, 195
 GraphicsExpose, 200
 GravityNotify, 205
 KeymapNotify, 199
 KeyPress, 189
 KeyRelease, 189
 LeaveNotify, 192
 MapNotify, 205
 MappingNotify, 206
 MapRequest, 210
 MotionNotify, 189
 NoExpose, 200
 PropertyNotify, 212
 ReparentNotify, 206
 ResizeRequest, 211
 SelectionClear, 213
 SelectionNotify, 214
 SelectionRequest, 213
 UnmapNotify, 207
 VisibilityNotify, 207
 Expose, 2, 30, 32, 34, 39, 40, 41, 42, 44, 45, 46,
 139, 171, 177, 183, 192, 196, **199**, 200, 208
 ExposureMask, 186, 200
 Extension, **443**

F

False, **4**, 20, 26, 31, 34, 35, 40, 43, 44, 45, 46, 47,
 48, 55, 57, 58, 60, 92, 100, 140, 156, 186, 188,
 191, 193, 209, 210, 211, 217, 219, 220, 222, 223,
 224, 226, 233, 238, 256, 263, 273, 291, 292, 295,
 315, 332, 362, 363, 365, 405, 411, 412, 423, 424
 FamilyChaos, 179
 FamilyDECnet, 179
 FamilyInternet, 179
 Files:
 \$HOME/.Xdefaults, 434
 /etc/X?.hosts, 179
 <stdio.h>, 427
 <X11/cursorfont.h>, 3
 <X11/keysym.h>, 4, 250
 <X11/keysymdef.h>, 3, 4, 250, 371
 <X11/X.h>, 2, 3, 123, 183, 185
 <X11/X10.h>, 4, 435
 <X11/Xatom.h>, 3, 59, 156, 320, 349
 <X11/Xcms.h>, 3, 75
 <X11/Xlib.h>, 3, 4, 8, 75, 184, 318, 383, 406,
 415, 416
 <X11/Xlibint.h>, 4, 405, 418, 419, 421
 <X11/Xproto.h>, 4, 201, 227, 419, 420, 421

 <X11/Xprotostr.h>, 4
 <X11/Xresource.h>, 3, 353
 <X11/Xutil.h>, 3, 331, 333, 337, 341, 374, 375,
 381, 384, 390, 429
 Filling:
 arcs, 150
 polygon, 150
 rectangles, 148
 FillOpaqueStippled, 126, 133, 142
 FillPolygon, 149
 FillSolid, 123, 126, 133, 166
 FillStippled, 126, 133
 FillTiled, 126, 133
 FlushGC, **417**, 418
 FocusChangeMask, 186, 195
 FocusIn, 183, **195**, 196, 197, 198, 199, 238, 239,
 244
 FocusOut, 183, 192, **195**, 196, 197, 198, 199, 208,
 238, 239, 244
 Font glyph, **443**
 Font, 2
 font, 6
 Font, 23, 24, 152, 420, **443**
 FontLeftToRight, 153, 159, 160, 161
 FontRightToLeft, 153, 159, 160, 161
 Fonts, 436
 freeing font information, 154
 getting information, 154
 unloading, 154
 Forget, 34
 ForgetGravity, 31, 33, 34, 54
 fork, 13
 free, 426
 Freeing:
 colors, 89
 resources, 30, 50, 51
 Frozen events, **443**
 Function set, 118
 LINEAR_RGB, 118

G

Gamut compression, 80
 client data, 98
 procedure, 98
 setting in Color Conversion Context, 98
 Gamut handling, 80
 Gamut querying, 105
 GC, 415, **443**
 GCArcMode, 121, 129
 GCBackground, 121, 129
 GCCapStyle, 121, 129
 GCClipMask, 121, 129

GCClipXOrigin, 121, 129
 GCClipYOrigin, 121
 GCClipYOrigin, 129
 GCDashList, 121, 129
 GCDashOffset, 121, 129
 GCFillRule, 121, 129
 GCFillStyle, 121, 129
 GCFont, 121, 129
 GCForeground, 121, 129
 GCFunction, 121, 129
 GCGraphicsExposures, 121, 129
 GCJoinStyle, 121, 129
 GCLineStyle, 121, 129
 GCLineWidth, 121, 129
 GContext, 2, 23, 24, 129, 154, 155, 160, 161, 227, 420
 GCPlaneMask, 121, 129
 GCStipple, 121, 129
 GCSubwindowMode, 121, 129
 GCTile, 121, 129
 GCTileStipXOrigin, 121, 129
 GCTileStipYOrigin, 121, 129
 GeometryCallback, **307**
 GetEmptyReq, 421
 GetKeyboardControl, 421, 423
 GetReq, 421, 422, 426
 GetReqExtra, 421, 422
 GetResReq, 421, 422
 GetWindowAttributes, 421, 423, 424
 Glyph image, **443**
 Glyph, **443**
 Grab, **443**
 Grabbing:
 buttons, 235
 keyboard, 237
 keys, 239
 pointer, 233
 server, 176
 GrabFrozen, 234, 238
 GrabInvalidTime, 234, 238
 GrabModeAsync, 188, 233, 234, 235, 237, 238, 239
 GrabModeSync, 233, 234, 235, 237, 238, 239
 GrabNotViewable, 234, 238
 GrabSuccess, 233
 Graphics context, 121, **443**
 initializing, 127
 path, 125
 GraphicsExpose, 127, 138, 141, 183, 184, 186, **200**, 201
 Gravity, **443**
 GravityNotify, 34, 43, 183, 186, 192, 201, **205**, 208

GrayScale, 28, 29, 72, 76, 81, 88, 348, 349, 431, **443**, 449
 GXand, 123
 GXandInverted, 123
 GXandReverse, 123
 GXclear, 123
 GXcopy, 123, 140, 141, 166
 GXcopyInverted, 123
 GXequiv, 123
 GXinvert, 123
 GXnand, 123
 GXnoop, 123
 GXnor, 123
 GXor, 123
 GXorInverted, 123
 GXorReverse, 123
 GXset, 123
 GXxor, 123

H

Hash Lookup, 436
 Headers:
 <stdio.h>, 427
 <X11/cursorfont.h>, 3
 <X11/keysym.h>, 4, 250
 <X11/keysymdef.h>, 3, 4, 250, 371
 <X11/X.h>, 2, 3, 123, 183, 185
 <X11/X10.h>, 4, 435
 <X11/Xatom.h>, 3, 59, 156, 320, 349
 <X11/Xcms.h>, 3, 75
 <X11/Xlib.h>, 3, 4, 8, 75, 184, 318, 383, 406, 415, 416
 <X11/Xlibint.h>, 4, 405, 418, 419, 421
 <X11/Xproto.h>, 4, 201, 227, 419, 420, 421
 <X11/Xprotostr.h>, 4
 <X11/Xresource.h>, 3, 353
 <X11/Xutil.h>, 3, 331, 333, 337, 341, 374, 375, 381, 384, 390, 429
 HeightMMOfScreen, **21**
 HeightOfScreen, **21**
 HeightValue, 374
 Host Portable Character Encoding, **443**
 Hotspot, **444**

I

IconicState, 322, 332
 IconMaskHint, 331
 IconPixmapHint, 331
 IconPositionHint, 331
 IconWindowHint, 331
 Identifier, **444**

Image text:
 drawing, 165
 ImageByteOrder, **16**
 IMInstantiateCallback, **291**
 IncludeInferiors, 127, 138
 Inferiors, **444**
 InitExtension, 230
 Input Control, 183
 Input:
 focus, **444**
 manager, **444**
 InputFocus, 224, 225
 InputHint, 331
 InputOnly, 30, 31, 33, 35, 36, 37, 38, 42, 50, 51,
 54, 56, 69, 134, 135, 140, 172, 199, 208, 227, 440,
 442, 444, 445
 InputOutput, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38,
 40, 54, 127, 439, 440, 444, 445
 int, 5, 304, 410, 427
 Internationalization, **444**
 IsCursorKey, **371**
 IsFunctionKey, **371**
 IsKeypadKey, **372**
 IsMiscFunctionKey, **372**
 IsModifierKey, **372**
 ISO2022, **444**
 IsPFKey, **372**
 IsPrivateKeypadKey, **372**
 isspace, 450
 IsUnmapped, 55
 IsUnviewable, 55
 IsViewable, 55

J

JoinBevel, 125, 132
 JoinMiter, 123, 125, 132
 JoinRound, 125, 132

K

KBAutoRepeatMode, 245
 KBBellDuration, 245
 KBBellPercent, 245
 KBBellPitch, 245
 KBKey, 245
 KBKeyClickPercent, 245
 KBLed, 245
 KBLedMode, 245
 Key:
 grabbing, 239, **444**
 ungrabbing, 240

Keyboard:
 bell volume, 245
 bit vector, 245
 grabbing, 237, **444**
 keyclick volume, 245
 ungrabbing, 238
 KeymapNotify, 183, **199**
 KeymapStateMask, 186, 199
 KeyMapStateMask, 233
 KeyPress, 35, 183, **189**, 198, 238, 239, 241, 246,
 250, 316, 317, 369
 KeyPressMask, 186, 189
 KeyRelease, 35, 183, **189**, 199, 238, 241, 246,
 316, 369
 KeyReleaseMask, 186, 189
 Keysym, **444**

L

LastKnownRequestProcessed, **13**
 Latin Portable Character Encoding, **445**
 Latin-1, **445**
 LeaveNotify, 183, **192**, 193, 194, 195, 196, 208,
 234
 LeaveWindowMask, 186, 192, 233
 LedModeOff, 245
 LedModeOn, 245
 LineDoubleDash, 125, 126, 132
 LineOnOffDash, 125, 126, 132
 Lines:
 drawing, 143
 LineSolid, 123, 125, 126, 132
 Locale name, **445**
 Locale, **445**
 Localization, **445**
 Lock, 250, 251, 254, 373
 LockDisplay, **421**
 LockMask, 191, 193, 233, 237
 long, 62, 64, 65, 300, 304, 410, 427
 LookupColor, 227
 LowerHighest, 47, 48
 LSBFirst, 16, 17

M

malloc, 426
 MapNotify, 40, 183, 186, 192, 201, **205**, 208
 Mapped window, **445**
 MappingBusy, 248, 254
 MappingFailed, 254
 MappingKeyboard, 206, 370
 MappingModifier, 206, 370
 MappingNotify, 183, 186, 202, **206**, 248, 252, 254,

370
 MappingPointer, 206
 MappingSuccess, 248, 254
 MapRequest, 40, 183, 208, **210**, 216
 MapWindow, 24, 171
 MaxCmapsOfScreen, **21**
 mblen, 258
 mbtowc, 258
 Menus, 175
 MinCmapsOfScreen, **22**
 Mod1, 250, 254
 Mod1Mask, 191, 193, 233, 237
 Mod2, 254
 Mod2Mask, 191, 193, 233, 237
 Mod3, 254
 Mod3Mask, 191, 193, 233, 237
 Mod4, 254
 Mod4Mask, 191, 193, 233, 237
 Mod5, 250, 254
 Mod5Mask, 191, 193, 233, 237
 Modifier keys, **445**
 Monochrome, **445**
 MotionNotify, 183, 187, **189**, 192, 225
 Mouse:
 programming, 245
 MSBFirst, 16, 17
 Multibyte, **445**

N

NextRequest, **14**, 227
 NoEventMask, 35, 186
 NoExpose, 138, 141, 183, 186, **200**
 Nonconvex, 150
 None, **4**, 31, 32, 35, 49, 50, 51, 52, 55, 57, 58, 60, 63, 67, 68, 70, 71, 82, 123, 126, 137, 139, 140, 141, 162, 163, 188, 191, 193, 197, 198, 203, 210, 211, 214, 215, 233, 234, 235, 242, 243, 244, 278, 315, 328, 351, 389, 428
 NoOperation, 7, 22
 NormalState, 332
 NorthEastGravity, 33, 54, 55, 375
 NorthGravity, 33, 54, 55
 NorthWestGravity, 31, 33, 34, 54, 55, 375
 NoSymbol, 250, 252, 369, 370, 371
 NotifyAncestor, 194, 196, 197
 NotifyDetailNone, 196, 198
 NotifyGrab, 194, 195, 196, 198, 199
 NotifyHint, 189, 190, 191
 NotifyInferior, 194, 196, 197
 NotifyNonlinear, 194, 195, 196, 197, 198
 NotifyNonlinearVirtual, 194, 195, 196, 197, 198
 NotifyNormal, 191, 194, 196

NotifyPointer, 196, 197, 198
 NotifyPointerRoot, 196, 198
 NotifyUngrab, 194, 195, 196, 198, 199
 NotifyVirtual, 194, 196, 197
 NotifyWhileGrabbed, 196
 NotUseful, 20, 31, 34, 55
 NULLQUARK, 366

O

Obscure, **445**
 Occlude, **445**
 OpenFont, 227
 Opposite, 43, 44
 Output Control, 183
 OwnerGrabButtonMask, 186, 188

P

PackData, 427
 Padding, **446**
 PAllHints, 334, 335
 Parent Window, 1, 53
 ParentRelative, 30, 32, 49, 50, 172
 PAspect, 334
 Passive grab, 232, **446**
 PBaseSize, 334
 Pixel value, 124, **446**
 Pixmap, 2, 23, 24, 304, 420, 422, **446**
 Pixmaps, 436
 PlaceOnBottom, 202, 209
 PlaceOnTop, 202, 209
 Plane, **446**
 copying, 141
 mask, 124, **446**
 PlanesOfScreen, **22**
 PMaxSize, 334
 PMinSize, 334
 Pointer, **446**
 grabbing, 233, 235, **446**
 ungrabbing, 234
 PointerMotion, 35
 PointerMotionHintMask, 186, 189, 233
 PointerMotionMask, 186, 187, 189, 233
 PointerRoot, 24, 197, 198, 243, 244, 332
 PointerWindow, 224
 Pointing device, **446**
 Points:
 drawing, 142
 poll, 26
 Polygons:
 drawing, 143
 filling, 150

PolyLine, 145, 146
 POSIX Portable Filename Character Set, **446**
 POSIX System Call:
 fork, 13
 POSIX, **446**
 PPosition, 334
 PreeditCaretCallback, **312**
 PreeditDoneCallback, **309**
 PreeditDrawCallback, **309**
 PreeditStartCallback, **309**
 PreeditStateNotifyCallback, **305**
 PreferBlanking, 176, 178
 PResizeInc, 334
 Property list, **447**
 Property, **447**
 appending, 64
 changing, 64
 deleting, 66
 format, 64
 getting, 62
 listing, 64
 prepending, 64
 replacing, 64
 type, 64
 PropertyChangeMask, 186, 212
 PropertyDelete, 213
 PropertyNewValue, 213
 PropertyNotify, 64, 65, 66, 183, **212**
 PropModeAppend, 64, 65
 PropModePrepend, 64, 65
 PropModeReplace, 64, 65
 Protocol:
 DECnet, 8
 TCP, 8
 ProtocolRevision, **14**
 ProtocolVersion, **14**
 PseudoColor, 28, 29, 76, 81, 87, 88, 89, 349, 443, **447**, 449
 PSize, 334
 Psychometric Chroma, 108, 109, 110
 maximum, 108, 109, 110
 Psychometric Hue Angle, 108, 109, 110, 111
 PWinGravity, 334

Q

QLength, **14**
 QueryFont, 227, 421, 423
 QueryKeymap, 421, 423
 QueuedAfterFlush, 217, 218
 QueuedAfterReading, 217, 218

QueuedAlready, 217, 218

R

RaiseLowest, 47
 Read-only colormap cells, 84
 read-only colormap cells, 85
 Read-only colormap cells:
 allocating, 84, 85, 86
 Read/write colormap cells, 84
 allocating, 87
 Read/write colormap planes:
 allocating, 88
 Rectangle, **447**
 filling, 148
 RectangleIn, 379
 RectangleOut, 379
 RectanglePart, 379
 Rectangles:
 drawing, 145
 Redirecting control, **447**
 Region, 375
 ReleaseByFreeingColormap, 347
 ReparentNotify, 171, 183, 186, 202, **206**
 ReplayKeyboard, 240, 241, 242
 ReplayPointer, 240, 241, 242
 Reply, **447**
 Request, **447**
 Requests, **183**
 ResizeRedirect, 211
 ResizeRedirectMask, 40, 43, 49, 186, 216
 ResizeRequest, 40, 43, 183, 208, **211**, 216
 Resource IDs, 2, 23, 436
 Cursor, 2
 Font, 2
 freeing, 30, 50, 51
 GContext, 2
 Pixmap, 2
 Window, 2
 Resource, **447**
 ResourceName, 365
 RetainPermanent, 23, 24, 176
 RetainTemporary, 23, 24, 176
 RevertToNone, 243, 244
 RevertToParent, 243, 244
 RevertToPointerRoot, 243, 244
 RGB values, **447**
 Root, 121, **447**
 RootWindow, **15**, 282

RootWindowOfScreen, **22**

S

Save set, **448**

Save Unders, **34**

Scanline, **448**

order, **448**

Screen White Point, **105**

Screen, 1, 7, 8, 18, 19, 20, 21, 22, 415, **448**

structure, **448**

ScreenCount, **15**

ScreenFormat, **415**

ScreenNumberOfCCC, **97**

ScreenOfDisplay, **11**

ScreenSaverActive, **177**

ScreenSaverReset, **177**

ScreenWhitePointOfCCC, **97**

select, **26**

Selection, 66, **448**

converting, **68**

getting the owner, **67**

setting the owner, **67**

SelectionClear, 67, 183, 186, 212, **213**

SelectionNotify, 68, 183, 186, 212, **214**, 224

SelectionRequest, 67, 68, 183, 186, 212, **213**

SendEvent, 184, **410**

Serial Number, **227**

Server, **448**

grabbing, 176, **448**

ServerVendor, **15**

setlocale, 255, 257, **445**

SetModeDelete, **172**

SetModeInsert, **172**

Shift sequence, **448**

Shift, 250, 251, 254, **373**

ShiftMask, 191, 193, 233, **237**

short, 62, 64, 65, **427**

Sibling, **448**

Source, **123**

SouthEastGravity, 33, 54, 55, **375**

SouthGravity, 33, 54, **55**

SouthWestGravity, 33, 54, 55, **375**

special, **6**

Stacking order, 1, **449**

Standard Colormaps, **349**

State-dependent encoding, **449**

State-independent encoding, **449**

StateHint, **331**

StaticColor, 28, 29, 76, 81, **449**

StaticGravity, 34, 54, **55**

StaticGray, 28, 29, 72, 76, 81, 445, **449**

Status, 3, 80, **449**

StatusDoneCallback, **314**

StatusDrawCallback, **314**

StatusStart, **314**

StatusStartCallback, **314**

Stipple, **449**

StippleShape, 133, **134**

STRING encoding, **449**

String Equivalence, **449**

StringConversionCallback, **308**

Strings:

drawing, **164**

strlen, **365**

strtok, **258**

StructureNotify, 202, 203, 204, 205, **207**

StructureNotifyMask, 186, 202, 204, 205, 206, **207**

SubstructureNotify, 202, 203, 204, 205, **207**

SubstructureNotifyMask, 186, 202, 203, 204, 205, 206, **207**, 322

SubstructureRedirectMask, 35, 40, 43, 44, 45, 46, 47, 48, 49, 186, 209, 210, 216, **322**

Success, 64, 323, **325**

SyncBoth, 240, **241**

SyncHandle, **425**

SyncKeyboard, 240, 241, **242**

SyncPointer, 240, 241, **242**

T

Text:

drawing, **163**

this, **6**

Tile, 2, **449**

mode, **30**

pixmap, **30**

TileShape, 133, **134**

Time, **232**

Timestamp, **449**

TopIf, 43, **44**

True, **4**, 20, 26, 34, 35, 40, 55, 57, 58, 64, 88, 89, 92, 100, 101, 104, 117, 123, 139, 141, 153, 156, 171, 184, 186, 188, 191, 193, 200, 203, 204, 206, 207, 211, 213, 217, 219, 220, 221, 222, 223, 224, 225, 226, 233, 238, 249, 256, 263, 268, 273, 291, 292, 294, 295, 315, 325, 332, 360, 361, 362, 363, 365, 371, 372, 379, 405, 411, 412, 423, **424**

TrueColor, 28, 29, 76, 81, **449**

Type, **450**

U

Ungrabbing:

buttons, **237**

keyboard, **238**

- keys, 240
- pointer, 234
- UngrabKeyboard, 239
- UngrabPointer, 234
- UnlockDisplay, **421**
- UnmapGravity, 34, 55, 207
- UnmapNotify Event, 41, 42
- UnmapNotify, 34, 41, 42, 183, 186, 192, 196, 202, **207**, 208, 322
- UnmapWindow, 171
- unsigned, 300, 304, 410, 427
- Unsorted, 137
- UrgencyHint, 331, 333
- USPosition, 334
- USize, 334

V

- Value, 112, 113
 - maximum, 112, 113
 - minimum, 113
- VendorRelease, **15**
- Vertex, 434, **435**
- VertexCurved, **435**, 436
- VertexDontDraw, **435**, 436
- VertexDrawLastPoint, 434
- VertexEndClosed, 434, **435**, 436
- VertexRelative, **435**
- VertexStartClosed, 434, **435**, 436
- Viewable, **450**
- VisibilityChangeMask, 186, 208
- VisibilityFullyObscured, 208
- VisibilityNotify, 36, 183, 192, 196, 202, **207**, 208
- VisibilityPartiallyObscured, 208
- VisibilityUnobscured, 208
- Visible, **450**
- Visual Classes:
 - GrayScale, 28
 - PseudoColor, 28
 - StaticColor, 28
 - StaticGray, 28
 - TrueColor, 28
- Visual Type, **28**
- Visual, **28**, 29, 54, 383, 384, 415
- VisualAllMask, 381
- VisualBitsPerRGBMask, 381
- VisualBlueMaskMask, 381
- VisualClassMask, 381
- VisualColormapSizeMask, 381
- VisualDepthMask, 381
- VisualGreenMaskMask, 381
- VisualID, 420
- VisualIDMask, 381

- VisualNoMask, 381
- VisualOfCCC, **96**
- VisualRedMaskMask, 381
- VisualScreenMask, 381
- VoidSymbol, 250

W

- wctomb, 258
- WestGravity, 33, 54, 55
- WhenMapped, 20, 34, 49, 55, 200
- White point adjustment, 80
 - client data, 98
 - procedure, 98
 - setting in Color Conversion Context, 98
- White point, 80
- WhitePixel, **9**
- WhitePixelOfScreen, **18**
- Whitespace, **450**
- WidthMMOfScreen, **21**
- WidthOfScreen, **21**
- WidthValue, 374
- WindingRule, 127, 133, 376
- Window, **2**, 23, 29, 300, 420, 422
 - attributes, 29
 - background, 50
 - clearing, 140
 - defining the cursor, 51
 - determining location, 374, 432
 - gravity, **450**
 - icon name, 330
 - IDs, 436
 - InputOnly, 36, **444**
 - InputOutput, **444**
 - manager, **450**
 - managers, 175
 - mapping, 30
 - name, 329
 - parent, **446**
 - root, **448**
 - RootWindow, 15
 - undefining the cursor, 52
 - XRootWindow, 15
- WindowGroupHint, 331
- Windows, 436
- WithdrawnState, 332

X

- X Portable Character Set, **450**
- X10 compatibility:
 - XDraw, 434, 435
 - XDrawDashed, 434, 435

- XDrawFilled, 434, 436
- XDrawPatterned, 434, 435
- XDrawTiled, 434, 436
- XActivateScreenSaver, **178**
- XAddConnectionWatch, **25**, 26
- XAddExtension, **407**
- XAddHost, **179**
- XAddHosts, **179**, 180
- XAddPixel, **386**
- XAddToExtensionList, **416**
- XAddToSaveSet, **172**
- XAllocClassHint, **337**
- XAllocColor, 82, **84**, 85, 87, 90, 105
- XAllocColorCells, 81, 82, **87**, 88, 90
- XAllocColorPlanes, 81, 82, **88**, 89, 90, 348
- XAllocIconSize, **341**
- XAllocID, **416**, 422
- XAllocIDs, **416**, 417
- XAllocNamedColor, 79, 82, **85**, 86, 87, 90
- XAllocSizeHints, **333**, 334
- XAllocStandardColormap, **347**
- XAllocWMHints, **331**
- XAllowEvents, 232, 234, 238, **240**, 241, 242
- XAllPlanes, **9**
- XAnyEvent, **184**
- XAppendVertex, 434
- XArc, **142**
- XAssocTable, 436, 437, 438
- XAutoRepeatOff, **247**
- XAutoRepeatOn, **247**
- XBaseFontNameListOfFontSet, 269, **271**, 272
- XBell, **247**
- XBitmapBitOrder, **17**
- XBitmapPad, **17**
- XBitmapUnit, **16**
- XBlackPixel, **9**
- XBlackPixelOfScreen, **18**
- XBufferOverflow, 316
- XButtonEvent, **190**
- XButtonPressedEvent, **190**, 191
- XButtonReleasedEvent, **190**, 191
- Xcalloc, 426
- XCellsOfScreen, **19**
- XChangeActivePointerGrab, 189, **235**
- XChangeGC, **128**, 137, 422
- XChangeKeyboardControl, 245, **246**, 247
- XChangeKeyboardMapping, 206, **252**, 253
- XChangePointerControl, **249**
- XChangeProperty, 13, **64**, 65, 213
- XChangeSaveSet, **172**
- XChangeWindowAttributes, 30, **48**, 49, 82, 173, 211, 216
- XChar2b, **152**, 160, 162, 164
- XCharStruct, **152**, 153, 154, 159, 160, 161, 162
- XCheckIfEvent, 219, **220**
- XCheckMaskEvent, **222**, 223
- XCheckTypedEvent, **223**
- XCheckTypedWindowEvent, **223**
- XCheckWindowEvent, **221**, 222
- XCirculateEvent, **202**
- XCirculateRequestEvent, **209**
- XCirculateSubwindows, **47**, 48, 202, 209
- XCirculateSubwindowsDown, **47**, 48, 202, 209
- XCirculateSubwindowsUp, **47**, 202, 209
- XClassHint, **337**, 338, 342, 343, 344
- XClearArea, **139**, 140
- XClearVertexFlag, 434
- XClearWindow, 49, **140**
- XClientMessageEvent, **212**
- XClipBox, **377**
- XCloseDisplay, **23**, 407
- XCloseIM, 283, 287, **289**, 294, 301
- XCloseOM, **260**, 262
- XcmsAddColorSpace, 102, 105, **114**, 115
- XcmsAddFunctionSet, 114, **118**
- XcmsAllocColor, **85**, 105
- XcmsAllocNamedColor, 79, **86**, 87
- XcmsCCC, 96, 118
- XcmsCCCOFColormap, **95**
- XcmsCIELab, **78**, 104
- XcmsCIELabClipab, 103
- XcmsCIELabClipL, 103
- XcmsCIELabClipLab, 103
- XcmsCIELabFormat, 77, 117
- XcmsCIELabQueryMaxC, 103, **108**
- XcmsCIELabQueryMaxL, **108**
- XcmsCIELabQueryMaxLC, **109**
- XcmsCIELabQueryMinL, **109**
- XcmsCIELabToCIEXYZ, 117
- XcmsCIELabWhiteShiftColors, 104
- XcmsCIELuv, **78**, 104, 105
- XcmsCIELuvClipL, 103
- XcmsCIELuvClipLuv, 103
- XcmsCIELuvClipuv, 103
- XcmsCIELuvFormat, 77, 117
- XcmsCIELuvQueryMaxC, 103, **110**
- XcmsCIELuvQueryMaxL, **110**
- XcmsCIELuvQueryMaxLC, **110**, 111
- XcmsCIELuvQueryMinL, **111**
- XcmsCIELuvToCIeuvY, 117
- XcmsCIELuvWhiteShiftColors, 104, 105
- XcmsCIeuvY, **77**, 105
- XcmsCIeuvYFormat, 77, 98, 117
- XcmsCIeuvYToCIELuv, 117
- XcmsCIeuvYToCIEXYZ, 117
- XcmsCIeuvYToTekHVC, 117

XcmsCIExyY, **77**
 XcmsCIExyYFormat, 77, 98, 117
 XcmsCIExyYToCIEXYZ, 117
 XcmsCIEXYZ, **77**, 101, 102, 105
 XcmsCIEXYZFormat, 77, 98, 117
 XcmsCIEXYZToCIELab, 117
 XcmsCIEXYZToCIEuvY, 117
 XcmsCIEXYZToCIExyY, 117
 XcmsCIEXYZToRGBi, 117
 XcmsClientWhitePointOfCCC, **97**
 XcmsColor, **76**, 87, 91, 92, 94, 95, 100, 101, 104, 114, 116, 117
 XcmsColorFormat, 77
 XcmsColorSpace, 115, 116, 117, 118, 119
 XcmsColorSpaces, 115
 XcmsCompressionProc, **101**
 XcmsConvertColors, **100**, 101
 XcmsCreateCCC, **99**, 100
 XcmsDefaultCCC, **96**
 XcmsDisplayOfCCC, **96**
 XcmsFailure, 81, 84, 85, 98, 99, 101, 109, 110, 111, 119
 XcmsFormatOfPrefix, 77, **115**, 118
 XcmsFreeCCC, 96, 99, **100**
 XcmsFunctionSet, 118, 119
 XcmsInitFailure, 119, 120
 XcmsInitNone, 120
 XcmsInitSuccess, 119, 120
 XcmsLookupColor, 79, **83**, 84, 87
 XcmsPad, **78**
 XcmsParseStringProc, **116**
 XcmsPerScrnInfo, 118, 119, 120
 XcmsPrefixOfFormat, 77, **115**, 118
 XcmsQueryBlack, **106**
 XcmsQueryBlue, **106**
 XcmsQueryColor, 91, **94**
 XcmsQueryColors, 92, **94**, 95
 XcmsQueryGreen, **106**, 107
 XcmsQueryRed, **107**
 XcmsQueryWhite, **107**, 108
 XcmsRGB, **77**, 78, 105
 XcmsRGBFormat, 77, 85, 87, 101, 117
 XcmsRGBi, **77**, 78, 101, 102, 105
 XcmsRGBiFormat, 77, 101, 117
 XcmsRGBiToCIEXYZ, 117
 XcmsRGBiToRGB, 117
 XcmsRGBToRGBi, 117
 XcmsScreenFreeProc, **120**
 XcmsScreenInitProc, **119**
 XcmsScreenNumberOfCCC, **97**
 XcmsScreenWhitePointOfCCC, **97**
 XcmsSetCCCOFColormap, 95, **96**
 XcmsSetCompressionProc, **98**
 XcmsSetWhiteAdjustProc, **98**, 99
 XcmsSetWhitePoint, **97**, 98
 XcmsStoreColor, **91**, 92
 XcmsStoreColors, **92**
 XcmsSuccess, 81, 84, 91, 92, 115, 119
 XcmsSuccessWithCompression, 81, 84
 XcmsTekHVC, **78**, 105
 XcmsTekHVCClipC, 103
 XcmsTekHVCClipV, 103
 XcmsTekHVCClipVC, 104
 XcmsTekHVCFormat, 77, 117
 XcmsTekHVCQueryMaxC, 106, **111**, 112
 XcmsTekHVCQueryMaxV, **112**
 XcmsTekHVCQueryMaxVC, **112**, 113
 XcmsTekHVCQueryMaxVSamples, **113**
 XcmsTekHVCQueryMinV, **113**, 114
 XcmsTekHVCToCIEuvY, 117
 XcmsTekHVCWhiteShiftColors, 105
 XcmsUndefinedFormat, 77, 83, 86, 98, 115
 XcmsVisualOfCCC, **96**
 XcmsWhiteAdjustProc, **104**
 XCNOENT, 390
 XCNOMEM, 390
 XColor, 73, **76**, 78, 85, 90, 91, 92, 93, 94
 XColormapEvent, **211**
 XComposeStatus, 372, 373
 XCompoundTextStyle, 324
 XConfigureEvent, **203**
 XConfigureRequestEvent, **209**
 XConfigureWindow, 42, **44**, 202, 205, 209, 211
 XConnectionNumber, **9**
 XContextDependentDrawing, **273**
 XContextualDrawing, 263, **273**
 XConvertCase, **370**
 XConverterNotFound, 323, 325
 XConvertSelection, **68**, 213
 XCopyArea, 127, 138, **140**, 141, 186, 200, 201
 XCopyColormapAndFree, **81**, 82
 XCopyGC, **128**
 XCopyPlane, 69, 127, 138, **141**, 142, 186, 200, 201
 XCreateAssocTable, **437**
 XCreateBitmapFromData, **389**, 390
 XCreateColormap, **81**, 90, 348
 XCreateFontCursor, **70**, 404
 XCreateFontSet, 257, 265, **268**, 269, 270, 271, 272, 275, 277, 278, 279, 280, 326, 327
 XCreateGC, 121, **127**, 128, 137, 200, 376, 422
 XCreateGlyphCursor, **70**, 71
 XCreateIC, 257, 283, **295**, 298, 302
 XCreateImage, **383**, 384, 386
 XCreateOC, 257, **264**, 265, 266, 268
 XCreatePixmap, **69**, 422

- XCreatePixmapCursor, **71**, 72
- XCreatePixmapFromBitmapData, **388**, 389
- XCreateRegion, **376**
- XCreateSimpleWindow, 36, **38**, 173, 203
- XCreateWindow, 30, **36**, 37, 38, 48, 82, 173, 203, 216
- XCreateWindowEvent, **203**
- XCrossingEvent, **192**
- XDefaultColormap, **10**
- XDefaultColormapOfScreen, **19**
- XDefaultDepth, **10**
- XDefaultDepthOfScreen, **19**
- XDefaultGC, **11**
- XDefaultGCOfScreen, **19**
- XDefaultRootWindow, **11**
- XDefaultScreen, 7, 8, **12**
- XDefaultScreenOfDisplay, **11**
- XDefaultString, 325, **326**
- XDefaultVisual, **12**
- XDefaultVisualOfScreen, **19**
- XDefineCursor, 38, **51**, 52
- XDeleteAssoc, **438**
- XDeleteContext, **390**, 391
- XDeleteModifiermapEntry, **253**
- XDeleteProperty, **66**, 213
- XDestroyAssocTable, **438**
- XDestroyIC, 294, **295**, 296, 301
- XDestroyImage, 384, **386**
- XDestroyOC, **264**, 266, 267, 268
- XDestroyRegion, **376**
- XDestroySubwindows, **39**, 204
- XDestroyWindow, **39**, 204
- XDestroyWindowEvent, **204**
- XDirectionalDependentDrawing, 263, **273**
- XDisableAccessControl, **181**, 182
- XDisplayCells, 8, **12**
- XDisplayHeight, 8, **17**
- XDisplayHeightMM, 8, **17**
- XDisplayKeycodes, **251**, 252
- XDisplayMotionBufferSize, **225**
- XDisplayName, **230**
- XDisplayOfIM, **290**
- XDisplayOfOM, **261**
- XDisplayOfScreen, **20**
- XDisplayPlanes, 8, **12**
- XDisplayString, **13**
- XDisplayWidth, 8, **18**
- XDisplayWidthMM, 8, **18**
- XDoesBackingStore, **20**
- XDoesSaveUnders, **20**
- xDoSomethingReply, **420**
- xDoSomethingReq, **419**, 422
- XDraw, 434, **435**
- XDrawArc, 126, **146**, 147, 148
- XDrawArcs, 13, 146, **147**, 148
- XDrawDashed, 434, 435
- XDrawFilled, 434, **436**
- XDrawImageString16, **165**, 166
- XDrawImageString, 162, **165**, 166, 277
- XDrawLine, 126, 139, **143**, 145
- XDrawLines, 13, 143, **144**, 145, 434
- XDrawPatterned, 434, 435
- XDrawPoint, 139, **142**, 143, 418
- XDrawPoints, 13, 142, **143**
- XDrawRectangle, 126, 139, **145**, 146
- XDrawRectangles, 13, 145, **146**
- XDrawSegments, 13, 126, 143, **144**, 145, 434
- XDrawString16, **164**, 165
- XDrawString, **164**, 165, 277
- XDrawText16, 126, 162, **163**, 164
- XDrawText, 126, 162, **163**, 164, 277
- XDrawTiled, 434, 436
- XEObject, 416
- XEHeadOfExtensionList, **416**
- XEmptyRegion, **378**, 379
- XEnableAccessControl, **181**
- XEnterWindowEvent, **192**, 194, 195
- XEqualRegion, **379**
- XErrorEvent, 227, 412, 414
- XESetBeforeFlush, **414**, 415
- XESetCloseDisplay, **407**
- XESetCopyGC, **408**, 414
- XESetCreateFont, **409**
- XESetCreateGC, **408**
- XESetError, **412**
- XESetErrorString, **413**
- XESetEventToWire, 410, **411**
- XESetFlushGC, **414**
- XESetFreeFont, **409**, 410
- XESetFreeGC, **408**, 409
- XESetPrintErrorValues, **414**
- XESetWireToError, **412**, 414
- XESetWireToEvent, **410**
- XEvent, **184**, 185, 218, 219, 220, 221, 222, 223, 225, 315, 410
- xEvent, 410
- XEvent, 411
- xEvent, 411
- XEvent, 412
- xEvent, 412
- XEvent, 414
- XEventMaskOfScreen, **20**
- XEventsQueued, 14, **217**, 218
- XExposeEvent, **200**
- XExtCodes, **406**, 407, 427
- XExtData, **415**

- XExtendedMaxRequestSize, **13**
- XExtentsOfFontSet, 257, **274**
- XFetchBuffer, **381**
- XFetchBytes, **380**, 381
- XFetchName, **329**, 330
- XFillArc, 126, 139, **150**, 151
- XFillArcs, 13, 127, **151**
- XFillPolygon, 13, 126, 127, **150**
- XFillRectangle, 126, 139, **148**, 149
- XFillRectangles, 13, 148, **149**
- XFilterEvent, **315**
- XFindContext, **390**, 391
- XFindOnExtensionList, **416**
- XFlush, **217**
- XFlushGC, **130**
- XFocusChangeEvent, **195**
- XFocusInEvent, **195**, 196, 197, 198, 199
- XFocusOutEvent, **195**, 196, 197, 198, 199
- XFontProp, **152**
- XFontSet, 257, 259, 263, 264, 268, 269, 270, 271, 272, 274, 275, 277, 278, 279, 280, 304, 326, 439
- XFontSetExtents, 272, **273**, 274
- XFontsOfFontSet, 265, **271**
- XFontStruct, **152**, 153, 155, 156, 159, 162, 267, 268, 271, 272, 415
- XFontStructs, 271
- XFontStructSet, 268, 271
- XForceScreenSaver, **177**, 178
- XFree, 10, 16, **22**, 27, 53, 61, 64, 174, 180, 226, 252, 259, 262, 290, 292, 294, 297, 298, 308, 325, 326, 330, 331, 333, 334, 337, 338, 340, 341, 342, 347, 358, 381, 382, 388, 426
- XFreeColormap, **82**, 211
- XFreeColors, 81, **89**, 90
- XFreeCursor, 35, **73**, 74
- XFreeExtensionList, **406**
- XFreeFont, 71, **156**, 410
- XFreeFontInfo, 155, **158**
- XFreeFontNames, **157**, 158
- XFreeFontPath, **175**
- XFreeFontSet, 268, 271, **272**, 274
- XFreeGC, **129**
- XFreeModifiermap, **254**
- XFreePixmap, **69**, 70, 387, 389
- XFreeStringList, 271, 326, **327**, 346
- XGContextFromGC, **129**, 155
- XGCValues, **121**, 128
- xGenericReply, 421
- XGeometry, **432**, 433
- XGetAtomName, **61**, 62
- XGetAtomNames, **61**, 62
- XGetClassHint, **338**
- XGetCommand, **345**
- XGetDefault, **433**, 434
- XGetErrorDatabaseText, **229**, 230, 257
- XGetErrorText, **229**, 257, 413
- XGetFontPath, **175**
- XGetFontProperty, **156**
- XGetGCValues, **128**, 129
- XGetGeometry, **55**, 56
- XGetIconName, **331**
- XGetIconSizes, **342**
- XGetICValues, 288, **297**, 298, 303
- XGetImage, **168**, 169, 170, 383, 384, 386
- XGetIMValues, 284, 287, 288, **290**, 292, 294, 295, 299, 301, 302, 305, 306
- XGetInputFocus, **244**
- XGetKeyboardControl, **246**
- XGetKeyboardMapping, **251**, 252
- XGetModifierMapping, **254**
- XGetMotionEvents, 189, **225**, 226
- XGetNormalHints, **429**, 431
- XGetOCValues, 264, **265**, 266, 267
- XGetOMValues, **261**, 267
- XGetPixel, **384**, 385
- XGetPointerControl, **249**
- XGetPointerMapping, **248**
- XGetRGBColormap, 431
- XGetRGBColormaps, 304, **350**, 351
- XGetScreenSaver, **178**
- XGetSelectionOwner, **67**, 68
- XGetSizeHints, **431**
- XGetStandardColormap, **431**, 432
- XGetSubImage, **169**, 170
- XGetTextProperty, **328**, 329, 330, 346
- XGetTransientForHint, **338**, 339
- XGetVisualInfo, **382**
- XGetWindowAttributes, **53**, 54, 55
- xGetWindowAttributesReply, 424
- XGetWindowProperty, **62**, 63, 64, 213
- XGetWMClientMachine, **346**
- XGetWMColormapWindows, **340**, 341
- XGetWMHints, **333**
- XGetWMIconName, **330**
- XGetWMName, **329**
- XGetWMNormalHints, **335**, 336, 429
- XGetWMProtocols, **339**, 340
- XGetWMSizeHints, **336**, 337, 431
- XGetZoomHints, **430**, 431
- XGrabButton, 188, 234, **235**, 236, 237, 241
- XGrabKey, **239**, 240, 241
- XGrabKeyboard, 198, 232, **237**, 238, 239, 240, 241
- XGrabPointer, 192, 195, 232, **233**, 234, 235, 236, 241
- XGrabServer, **176**

- XGraphicsExposeEvent, 184, **200**, 201
- XGravityEvent, **205**
- XHeightMMOfScreen, **21**
- XHeightOfScreen, **21**
- XHostAddress, **179**
- XIC, 257, 283, 284
- XICCEncodingStyle, **323**
- XIconifyWindow, **321**, 322
- XIconSize, 320, **341**
- XID, **4**
- XIfEvent, **219**, 220
- XIM, 255, 257, 283, 315
- XIMAbsolutePosition, 313, **314**
- XImage, **167**, 168, 169, 170, 383, 384, 385, 386
- XImageByteOrder, **16**
- XIMBackwardChar, 308, **313**
- XIMBackwardWord, **313**
- XIMCallback, 294, 300, 301, 305, **306**
- XIMCaretDirection, 308, **313**
- XIMCaretDown, **313**
- XIMCaretStyle, **313**
- XIMCaretUp, **313**
- XIMDontChange, 313, **314**
- XIMFeedback, 294, 312, 315
- XIMForwardChar, 308, **313**
- XIMForwardWord, **313**
- XIMHighlight, **312**
- XIMHotKeyStateOFF, 303
- XIMHotKeyStateON, 302, 303
- XIMHotKeyTriggers, 302
- XIMInitialState, 296, **302**, 305
- XIMLineEnd, 308, 313, **314**
- XIMLineStart, 313, **314**
- XIMNextLine, 313, **314**
- XIMOfIC, **297**
- XIMPreeditArea, 284, **292**, **293**, 303, 304
- XIMPreeditCallbacks, **292**, **293**, 306
- XIMPreeditCaretCallbackStruct, 312, **313**
- XIMPreeditDisable, 305
- XIMPreeditDrawCallbackStruct, 295, **310**
- XIMPreeditEnable, **305**
- XIMPreeditNone, **292**, **293**
- XIMPreeditNothing, **292**, **293**
- XIMPreeditPosition, **292**, **293**, 303, 304
- XIMPreeditStateNotifyCallbackStruct, **305**
- XIMPreeditUnknown, 305
- XIMPreserveState, 296, 302
- XIMPreviousLine, 313, **314**
- XIMPrimary, **312**
- XIMProc, **306**
- XIMResetState, 302
- XIMReverse, 311, **312**
- XIMSecondary, **312**
- XIMStatusArea, 284, **292**, **293**, 303, 304
- XIMStatusCallbacks, **292**, **293**, 306
- XIMStatusDataType, **314**
- XIMStatusDrawCallbackStruct, **314**
- XIMStatusNone, **292**, **293**
- XIMStatusNothing, **292**, **293**
- XIMStringConversionCallbackStruct, 287, **308**
- XIMStringConversionOperation, 309
- XIMStringConversionPosition, 308
- XIMStringConversionRetrieval, 308, 309
- XIMStringConversionSubstitution, 308, 309
- XIMStringConversionText, 301, 308
- XIMStyle, **292**
- XIMStyles, 284, **292**, 293
- XIMTertiary, **312**
- XIMText, 286, 294, 310, 311, 312, 315
- XIMUnderline, **312**
- XIMValuesList, 294
- XIMVisibleCenter, 311, **312**
- XIMVisibleToBackward, 311, **312**, 315
- XIMVisibleToCenter, 315
- XIMVisibleToForward, 311, **312**, 315
- XInitExtension, **406**, 407, 416, 427
- XInitImage, **167**
- XInitThreads, **24**, 25
- XINPreserveState, **302**
- XInsertModifiermapEntry, **253**
- XInstallColormap, 35, 49, 75, **173**, 211
- XInternalConnectionNumbers, **26**, 27
- XInternAtom, 58, **60**, 61
- XInternAtoms, **60**, 61
- XIntersectRegion, **377**
- XKeyboardControl, **245**, 246
- XKeyboardState, **246**
- XKeycodeToKeysym, **369**, 370
- XKeyEvent, **190**
- XKeymapEvent, **199**
- XKeyPressedEvent, **190**, 191, 369, 372
- XKeyReleasedEvent, **190**, 191, 369, 372
- XKeysymToKeycode, **370**
- XKeysymToString, **371**
- XKillClient, **176**, 348
- XLastKnownRequestProcessed, **13**
- XLeaveWindowEvent, **192**, 194, 195
- XLFD, **450**
- XlibSpecificationRelease, **3**
- XListDepths, **10**
- XListExtensions, 405, **406**
- XListFonts, **156**, 157
- XListFontsWithInfo, **157**, 158
- XListHosts, **180**
- XListInstalledColormaps, **174**
- XListPixmapFormats, **16**

- XListProperties, **64**
- XLoadFont, **155**, 156
- XLoadQueryFont, 152, **155**, 156, 158, 409
- XLocaleNotSupported, 256, 323, 324, 325
- XLocaleOfFontSet, **272**
- XLocaleOfIM, 257, **290**
- XLocaleOfOM, 257, **261**
- XLockDisplay, **25**, 26, 219
- XLookupAssoc, **437**
- XLookupBoth, 316
- XLookupChars, 316
- XLookupColor, 79, **82**, 83
- XLookupKeySym, 316
- XLookupKeysym, **369**
- XLookupNone, 316
- XLookupString, **372**, 373
- XLowerWindow, **46**, 47, 202, 209
- XMakeAssoc, **437**
- Xmalloc, 426
- XMapEvent, **205**
- XMappingEvent, **206**
- XMapRaised, **40**, 41, 202, 205, 209, 210
- XMapRequestEvent, **210**
- XMapSubwindows, **41**, 205, 210
- XMapWindow, 30, 38, 39, **40**, 41, 205, 210
- XMaskEvent, **222**
- XMatchVisualInfo, 10, **382**, 383
- XMaxCmapsOfScreen, **21**
- XMaxRequestSize, **13**
- XmbDrawImageString, **279**, 280
- XmbDrawString, 273, **278**, 279
- XmbDrawText, 257, **277**, 278
- XmbLookupString, 257, 284, 285, 286, 287, 289, **315**, 316, 317
- XmbPerCharExtents, 274
- XmbResetIC, 287, **296**, 302, 305
- XmbSetWMProperties, 257, **342**, 343, 344
- XmbTextEscapement, **274**, 275
- XmbTextExtents, 257, 274, **275**, 277, 278, 280
- XmbTextItem, **277**
- XmbTextListToTextProperty, 257, **324**
- XmbTextPerCharExtents, 273, **276**, 277, 278
- XmbTextPropertyToTextList, 257, **325**, 326, 327, 358
- XMinCmapsOfScreen, **22**
- XModifierKeymap, **253**, 254
- XMotionEvent, **190**
- XMoveResizeWindow, **45**, 202, 205, 209, 211, 422
- XMoveWindow, **44**, 202, 209, 422
- XNArea, 285, 293, **303**, **318**
- XNAreaNeeded, 285, 293, **303**, 304, **318**
- XNBackground, **304**, **318**
- XNBackgroundPixmap, 304, **318**
- XNBaseFontName, 266, 318, **319**
- XNClientWindow, **300**, **318**
- XNColormap, **304**, **318**
- XNContextualDrawing, 262, 263, 318, **319**
- XNCursor, 305, **318**
- XNDefaultString, 267, 318, **319**
- XNDestroyCallback, 288, 292, 294, 301, **318**
- XNDirectionalDependentDrawing, 262, 263, 318, **319**
- XNegative, 374
- XNewModifiermap, **253**
- XNextEvent, 2, 217, **218**, 315
- XNextRequest, **14**
- XNFilterEvents, 285, 295, 297, **300**, **318**
- XNFocusWindow, 293, **300**, 303, **318**
- XNFontInfo, 267, 318, **319**
- XNFontSet, 285, **304**, **318**
- XNForeground, **304**, **318**
- XNGeometryCallback, **300**, **318**
- XNHotKey, 302, **318**
- XNHotKeyState, 302, 303, **318**
- XNInputStyle, 284, 299, 304, **318**
- XNLineSpace, 304, **318**
- XNLineSpacing, 285
- XNMissingCharSet, 266, 318, **319**
- XNoExposeEvent, **201**
- XNOMAutomatic, 268, 318, **319**
- XNoMemory, 323, 324, 325
- XNoOp, **22**
- XNOrientation, 267, 318, **319**
- XNPreeditAttributes, **303**, **318**
- XNPreeditCaretCallback, 293, **306**, **318**
- XNPreeditDoneCallback, 293, **306**, **318**
- XNPreeditDrawCallback, 293, **306**, **318**
- XNPreeditStartCallback, 293, **306**, **318**
- XNPreeditState., 288
- XNPreeditState, 288, 302, 305, **318**
- XNPreeditStateNotifyCallback, 288, 305, **318**
- XNQueryICValuesList, 287, 288, 289, 292, 294, 301, 302, 305, 306, **318**
- XNQueryIMValues, 294, 295
- XNQueryIMValuesList, 292, 294, **318**
- XNQueryInputStyle, 292, 299, **318**
- XNQueryOrientation, 262, 267, 318, **319**
- XNR6PreeditCallbackBehavior, 292, 295, **318**
- XNRRequiredCharSet, 262, 318, **319**
- XNResetState, 296, 302, 305, **318**
- XNResourceClass, 267, 292, 293, **300**, **318**
- XNResourceName, 267, 292, 293, **300**, **318**
- XNSeparatorofNestedList :
 , @DEF@""
- XNSeparatorofNestedList, 318

- XNSpotLocation, 293, **304**, **318**
- XNStatusAttributes, **303**, **318**
- XNStatusDoneCallback, 293, **306**, **318**
- XNStatusDrawCallback, 293, **306**, **318**
- XNStatusStartCallback, 293, **306**, **318**
- XNStdColormap, **304**, **318**
- XNStringConversion, 287, 301, **318**
- XNStringConversionCallback, 287, 301, **318**
- XNVaNestedList, **318**
- XNVisiblePosition, 292, 294, **318**
- XOC, 259, 263, 264, 266, 267, 268
- XOffsetRegion, **376**
- XOM, 255, 257, 259, 262, 268, 272
- XOMCharSetList, **262**, 266
- XOMFontInfo, 267, 268
- XOMOfOC, **264**
- XOMOriention, 262
- XOMOriention_Context, 263, 267
- XOMOriention_LTR_TTB, 262, 263, 267
- XOMOriention_RTL_TTB, 263
- XOMOriention_TTB_LTR, 263
- XOMOriention_TTB_RTL, 263
- XOpenDisplay, **7**, 8, 12, 13, 28, 183, 230, 358
- XOpenIM, 257, 283, 287, 288, **289**
- XOpenOM, 257, **260**
- XOrientation, 267
- XParseColor, 79, **83**
- XParseGeometry, **374**, 375, 433
- XPeekEvent, **219**
- XPeekIfEvent, 219, **220**, 221
- XPending, 217, **218**
- Xpermalloc, **374**
- XPixmapFormatValues, 15, 16
- XPlanesOfScreen, **22**
- XPoint, **142**, 145, 304
- XPointer, **4**, 258
- XPointerMovedEvent, 189, **190**, 191
- XPointInRegion, **379**
- XPolygonRegion, **376**
- XProcessInternalConnection, **26**
- XPropertyEvent, **212**
- XProtocolRevision, **14**
- XProtocolVersion, **14**
- XPutBackEvent, **223**, 224
- XPutImage, 13, **168**, 383, 389
- XPutPixel, **385**
- XQLength, **14**, 218
- XQueryBestCursor, 70, **72**, 73
- XQueryBestSize, **133**, 134
- XQueryBestStipple, **134**, 135
- XQueryBestTile, **134**
- XQueryColor, **93**
- XQueryColors, **93**, 94
- XQueryExtension, **405**
- XQueryFont, **155**, 409
- XQueryKeymap, **247**, 248
- XQueryPointer, 56, **57**, 58, 189
- XQueryTextExtents16, 160, **161**, 162
- XQueryTextExtents, **160**, 161, 162, 166
- XQueryTree, **53**
- XRaiseWindow, 2, **46**, 202, 209
- XReadBitmapFile, **386**, 387, 388
- XReadBitmapFileData, **387**
- XRebindKeysym, **373**
- XRecolorCursor, 70, **73**
- XReconfigureWMWindow, **322**, 323
- XRectangle., 303
- XRectangle, **142**, 274, 277, 303
- XRectangles, 277
- XRectInRegion, **379**
- XRefreshKeyboardMapping, 206, **370**, 373
- XRegisterIMInstantiateCallback, 257, 288, **290**, 291
- XRemoveConnectionWatch, **26**
- XRemoveFromSaveSet, **172**, 173
- XRemoveHost, **180**
- XRemoveHosts, **180**, 181
- XReparentEvent, **206**
- XReparentWindow, **171**, 172, 205, 206
- xReply, 423
- xReq, 417, 420
- XResetScreenSaver, **178**
- XResizeRequestEvent, **211**
- XResizeWindow, **44**, 45, 202, 205, 209, 211
- XResourceManagerString, **358**
- xResourceReq, **420**
- XRestackWindows, **48**, 202, 209
- XrmBindingList, 356
- XrmBindLoosely, 356
- XrmBindTightly, 356
- XrmCombineDatabase, **360**, 361
- XrmCombineFileDatabase, **360**
- XrmDatabase, 257, **357**
- XrmDestroyDatabase, **359**
- XrmEnumAllLevels, 365
- XrmEnumerateDatabase, **365**
- XrmEnumOneLevel, 365
- XrmGetDatabase, **359**, 360
- XrmGetFileDatabase, 257, **357**, 359
- XrmGetResource, **361**, 362, 363
- XrmGetStringDatabase, 257, **358**, 359
- XrmInitialize, **357**
- XrmLocaleOfDatabase, 257, **359**
- XrmMergeDatabases, **360**, 361
- XrmOptionDescRec.value, 366
- XrmOptionDescRec, **366**

- XrmOptionKind, **366**
- XrmoptionNoArg, 367
- XrmoptionSkipArg, 366
- XrmoptionSkipNArgs, 366
- XrmParseCommand, **366**, 367
- XrmPermStringToQuark, **355**
- XrmPutFileDatabase, 257, **358**
- XrmPutLineResource, **365**
- XrmPutResource, 361, **363**
- XrmPutStringResource, **364**
- XrmQGetResource, **361**, 362, 363
- XrmQGetSearchList, **362**, 363
- XrmQGetSearchResource, 361, **362**, 363
- XrmQPutResource, 361, **363**, 364, 365
- XrmQPutStringResource, **364**, 365
- XrmQuark, 354, 355
- XrmQuarkToString, **355**, 356
- XrmSetDatabase, **359**, 434
- XrmStringToBindingQuarkList, **356**, 363, 364
- XrmStringToQuark, **355**
- XrmStringToQuarkList, **356**
- XrmUniqueQuark, **355**
- XrmValue, **357**, 365
- XRootWindow, **15**
- XRootWindowOfScreen, **22**
- XRotateBuffers, **381**
- XRotateWindowProperties, **65**, 66, 213
- XSaveContext, **390**, 391
- XScreenCount, **15**
- XScreenNumberOfScreen, **20**
- XScreenOfDisplay, **11**
- XScreenResourceString, **358**
- XSegment, **142**, 145
- XSelectInput, **216**, 217
- XSelectionClearEvent, **213**
- XSelectionEvent, **214**
- XSelectionRequestEvent, **213**
- XSendEvent, 212, 214, **224**, 225
- XServerVendor, **15**
- XSetAccessControl, **181**
- XSetAfterFunction, **226**
- XSetArcMode, **138**
- XSetBackground, **131**, 422
- XSetClassHint, **337**, 344
- XSetClipMask, **136**, 137
- XSetClipOrigin, **136**
- XSetClipRectangles, 13, 127, 128, **137**
- XSetCloseDownMode, **23**, 350
- XSetCommand, 344, **345**
- XSetDashes, 126, 128, **132**, 133
- XSetErrorHandler, **227**
- XSetFillRule, **133**
- XSetFillStyle, **133**
- XSetFont, **136**
- XSetFontPath, 157, **174**, 175
- XSetForeground, 121, **130**, 131
- XSetFunction, **131**
- XSetGraphicsExposures, **138**, 200
- XSetICFocus, 284, **296**
- XSetIconName, **330**, 331
- XSetIconSizes, **341**, 342
- XSetICValue, 288
- XSetICValues, 288, **297**, 298, 300, 303
- XSetIMValue, 288
- XSetIMValues, **289**, 290, 292
- XSetInputFocus, **243**, 244
- XSetIOErrorHandler, **230**, 231
- XSetLineAttributes, 121, **132**
- XSetLocaleModifiers, **256**, 257, 258, 260, 289
- XSetModifierMapping, 206, **254**
- XSetNormalHints, **429**, 431
- XSetOCValues, **264**, 265, 267
- XSetOMValues, **260**, 261
- XSetPlaneMask, **131**
- XSetPointerMapping, 206, **248**
- XSetRegion, 13, 127, **376**
- XSetRGBColormap, 432
- XSetRGBColormaps, **349**, 350
- XSetScreenSaver, **176**, 177
- XSetSelectionOwner, 23, **67**, 213, 214
- XSetSizeHints, **430**, 431
- XSetStandardColormap, **432**
- XSetStandardProperties, **428**, 429
- XSetState, **130**
- XSetStipple, **135**
- XSetSubwindowMode, **138**
- XSetTextProperty, **327**, 328, 330, 346
- XSetTile, **135**
- XSetTransientForHint, **338**
- XSetTSTOrigin, **135**, 136
- XSetWindowAttributes, **30**, 48, 49, 211, 216
- XSetWindowBackground, **49**, 50
- XSetWindowBackgroundPixmap, **50**
- XSetWindowBorder, **50**, 51
- XSetWindowBorderPixmap, **51**
- XSetWindowBorderWidth, **45**, 46, 202, 209
- XSetWindowColormap, **51**, 82, 173, 211
- XSetWMClientMachine, 343, 344, **346**
- XSetWMColormapWindows, **340**
- XSetWMHints, **333**, 342, 343, 344
- XSetWMIconName, **330**, 344
- XSetWMName, **328**, 329, 344
- XSetWMNormalHints, **335**, 336, 343, 344, 429
- XSetWMProperties, **344**, 345, 428
- XSetWMProtocols, **339**
- XSetWMSizeHints, **336**, 430

XSetZoomHints, **430**, 431
XShrinkRegion, **377**
XSizeHints, 320, 333, **334**, 335, 336, 375, 429, 430, 431
XStandardColormap, **347**, 348, 349, 350, 428, 431
XStdICCTextStyle, 324
XStoreBuffer, **380**
XStoreBytes, **380**
XStoreColor, 89, **90**, 91
XStoreColors, 89, **91**, 92, 350
XStoreName, **329**
XStoreNamedColor, 79, 89, **92**, 93
XStringListToTextProperty, **326**
XStringStyle, 324, 325
XStringToKeysym, **371**
XSubImage, 384, **385**, 386
XSubtractRegion, **378**
XSupportsLocale, **256**, 257, 325
XSync, 2, 23, **217**
XSynchronize, **226**, 425
XTextExtents16, **159**, 160, 162
XTextExtents, **159**, 160, 162
XTextItem16, **162**
XTextItem, **162**
XTextProperty, **323**, 324, 325, 326, 327, 328, 329, 330, 346
XTextPropertyToStringList, **327**
XTextStyle, 324
XTextWidth16, **158**
XTextWidth, **158**
XTimeCoord, **226**
XTranslateCoordinates, **56**, 57
XUndefineCursor, **52**
XUngrabButton, **237**
XUngrabKey, **240**
XUngrabKeyboard, 23, **238**, 239
XUngrabPointer, 23, 189, 192, **234**
XUngrabServer, 23, **176**
XUninstallColormap, 75, 82, **173**, 174, 211
XUnionRectWithRegion, **378**
XUnionRegion, **377**
XUniqueContext, **391**
XUnloadFont, 155, **156**, 158
XUnlockDisplay, **25**
XUnmapEvent, **207**
XUnmapSubwindows, **41**, 42
XUnmapWindow, **41**
XUnregisterIMInstantiateCallback, 257, 288, **291**
XUnsetICFocus, 284, **296**
XVaCreateNestedList, 258, 259
XValue, 374
XVaNestedList, 258, 298
XVendorRelease, **15**

XVisibilityEvent, **208**
XVisualIDFromVisual, **29**
XVisualInfo, 28, **381**
XWarpPointer, **242**, 243
XWatchProc, **25**
XwcDrawImageString, **279**, 280
XwcDrawString, **278**, 279
XwcDrawText, 257, **277**, 278
XwcFreeStringList, **326**
XwcLookupString, 257, 284, 285, 286, 287, 289, **315**, 316, 317
XwcPerCharExtents, 274
XwcResetIC, 287, 296, 302, 305
XwcTextEscapement, **274**, 275
XwcTextExtents, 257, 274, **275**, 277, 278, 280
XwcTextItem, **277**
XwcTextListToTextProperty, 257, **324**
XwcTextPerCharExtents, 273, **276**, 277, 278
XwcTextPropertyToTextList, 257, **325**, 326
XWhitePixel, **9**
XWhitePixelOfScreen, **18**
XWidthMMOfScreen, **21**
XWidthOfScreen, **21**
XWindowAttributes, 53, **54**
XWindowChanges, **42**, 44, 322
XWindowEvent, 2, 217, **221**
XWithdrawWindow, **322**
XWMGeometry, **374**, 375, 432
XWMHints, 320, **331**, 333, 342, 344
XWriteBitmapFile, **388**, 389
XXorRegion, **378**
XY format, **450**
XYBitmap, 168, 383
XYPixmap, 168, 169, 170, 383
X_CopyArea, 201
X_CopyPlane, 201
X_MapWindow, 422

Y

YNegative, 374
YSorted, 137
YValue, 374
YXBanded, 137
YXSorted, 137

Z

Z format, **450**

ZPixmap, 168, 169, 170, 383

—

_XAllocScratch, **426**

_XAllocTemp, **426**

_Xdebug, 226

_XFlushGCCache, **417**

_XFreeTemp, **426**

_XRead16, 424

_XRead16Pad, 425

_XRead32, 425

_XRead, 424, 426

_XReadPad, 425

_XReply, 413, **423**, 424, 426

_XSend, 422, 423, 426

_XSetLastRequestRead, **411**