Index

#

#define, 63, 340
#include, 415

$

$HOME/.Xdefaults-*name*, 462
$HOME/.Xdefaults, 462

/

/etc/X?.hosts, 193

, 325

<

<stdio.h>, 454
<X11/cursorfont.h>, 4
<X11/keysym.h>, 4, 267
<X11/keysymdef.h>, 4, 267, 395
<X11/X.h>, 2, 3, 129, 197, 200
<X11/X10.h>, 4, 463
<X11/Xatom.h>, 3, 63, 166, 340, 372
<X11/Xcms.h>, 3, 79
<X11/Xlib.h>, 3, 4, 9, 79, 198, 338, 408, 432, 442, 443
<X11/Xlibint.h>, 4, 431, 445, 446, 448
<X11/Xproto.h>, 4, 216, 243, 446, 447, 448
<X11/Xprotostr.h>, 4
<X11/Xresource.h>, 3, 376
<X11/Xutil.h>, 3, 352, 354, 359, 364, 399, 400, 407, 410, 416, 457

A

Above, 46, 47, 225
Access control list, 193, **468**
Active grab, **248**, **468**
AllHints, 352
AllocAll, 86, 87, 95, 374
Allocation:
  colormap, 90
  read-only colormap cells, 89, 90, 91
  read/write colormap cells, 92
  read/write colormap planes, 93
AllocNamedColor, 243
AllocNone, 86
AllowEvents, 258
AllowExposures, 190, 192
AllPlanes, **10**, 130
AllTemporary, 190
AlreadyGrabbed, 250, 254
Always, 23, 37, 53, 59, 215
Ancestors, **468**
AnyButton, 251, 253
AnyKey, 255, 256
AnyModifier, 251, 253, 255, 256
AnyPropertyType, 66, 68
ArcChord, 133, 145, 161
ArcPieSlice, 129, 133, 145, 161
Arcs:
  drawing, 156
  filling, 160
Areas:
  clearing, 147
  copying, 148
AsyncBoth, 256, 257
AsyncKeyboard, 256, 257, 258
AsyncPointer, 256, 257, 258
Atom, 62, 63, 324, 344, 447, 449, **468**
  getting name, 65
  interning, 64, 65
  predefined, 62, 340
Authentication, 193
AutoRepeatModeDefault, 262
AutoRepeatModeOff, 262, 264
AutoRepeatModeOn, 262, 263

B

B16, 446
B32, 446
Background, **468**
Backing store, **468**
BadAccess, 54, 95, 96, 97, 98, 194, 195, 196, **243**, 253, 256
BadAlloc, 41, 42, 65, 69, 73, 74, 75, 76, 86, 87, 134, 135, 137, 138, 139, 140, 142, 143, 144, 145, 146, 165, **243**, 270, 272, 348, 350, 351, 354, 357, 358, 360, 361, 362, 363, 364, 367, 368, 374, 405, 406, 413, 415, 416, 457, 458, 459, 460
BadAtom, 65, 66, 68, 69, 70, 71, 72, **243**, 245, 282, 283, 315, 317, 324, 348, 349, 358, 359, 374, 459, 460

BadColor, 41, 54, 56, 87, 88, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 187, **243**, 245, 315, 317, 324
BadCursor, 41, 54, 56, 77, 78, **243**, 245, 250, 251, 253, 317, 325
BadDrawable, 59, 60, 73, 77, 134, 141, 142, 149, 150, 152, 154, 155, 157, 159, 160, 161, 175, 176, 178, 180, 181, 183, **243**, 245, 413, 414, 415, 460
BadFont, 75, 134, 135, 143, 166, 172, 174, 175, **243**, 245, 296
BadGC, 26, 134, 135, 136, 137, 138, 139, 140, 142, 143, 144, 145, 146, 149, 150, 152, 154, 155, 157, 159, 160, 161, 172, 175, 176, 178, 180, 183, **243**, 245, 413, 415, 416
BadIDChoice, **243**
BadImplementation, 243, **245**
BadLength, 243, **245**, 272, 446
BadMatch, 33, 35, 36, 38, 39, 41, 42, 46, 47, 48, 52, 54, 55, 56, 69, 70, 76, 86, 132, 133, 134, 135, 141, 142, 143, 144, 145, 148, 149, 150, 152, 154, 155, 157, 159, 160, 161, 175, 176, 178, 180, 181, 182, 183, 185, 186, 243, **245**, 260, 262, 263, 343, 407, 414, 415
BadName, 98, 165, 243, **245**
BadPixmap, 41, 54, 55, 74, 76, 134, 135, 142, 143, 144, 243, **245**, 315, 317, 324
BadRequest, 243, **245**
BadValue, 26, 39, 41, 42, 46, 48, 49, 50, 51, 54, 65, 68, 69, 73, 74, 75, 86, 93, 94, 95, 96, 97, 98, 99, 100, 133, 134, 135, 137, 138, 139, 140, 141, 145, 146, 148, 150, 152, 154, 160, 180, 181, 183, 185, 188, 190, 191, 192, 194, 195, 196, 240, 243, **245**, 250, 251, 253, 254, 256, 258, 260, 262, 263, 264, 265, 266, 269, 270, 272, 343, 348, 415
BadWindow, 41, 42, 44, 45, 48, 49, 50, 51, 52, 53, 54, 55, 56, 58, 59, 61, 62, 68, 69, 70, 71, 72, 86, 148, 185, 186, 188, 232, 240, 242, 243, **245**, 250, 253, 254, 256, 259, 260, 315, 317, 320, 343, 348, 349, 350, 351, 352, 354, 357, 358, 359, 360, 361, 362, 363, 364, 365, 367, 368, 374, 457, 458, 459, 460
Base font name, **468**
Below, 46, 47
Bit:
  gravity, **468**
  plane, **468**
Bitmap, 2, **469**
BitmapBitOrder, **19**
BitmapFileInvalid, 412
BitmapNoMemory, 412, 414
BitmapOpenFailed, 412, 414
BitmapPad, **19**
BitmapSuccess, 412, 414
BitmapUnit, **19**
BlackPixel, **10**
BlackPixelOfScreen, **21**
Bool, **4**, 199, 236, 237, 314, 436
Border, **469**
BottomIf, 46, 47, 48
Button1, 206
Button1Mask, 206, 208
Button1Motion, 38
Button1MotionMask, 200, 203, 206, 249
Button2, 206
Button2Mask, 206, 208
Button2Motion, 38
Button2MotionMask, 200, 206, 249
Button3, 206
Button3Mask, 206, 208
Button3Motion, 38
Button3MotionMask, 200, 206, 249
Button4, 206
Button4Mask, 206, 208
Button4Motion, 38
Button4MotionMask, 200, 206, 249
Button5, 206
Button5Mask, 206, 208
Button5Motion, 38
Button5MotionMask, 200, 203, 206, 249
Button:
  grabbing, 251, **469**
  ungrabbing, 253
ButtonMotion, 38
ButtonMotionMask, 200, 201, 203, 249
ButtonPress, 38, 197, 200, **203**, 210, 232, 252, 257
ButtonPressMask, 53, 200, 203, 232, 249
ButtonRelease, 38, 197, **203**, 210, 257
ButtonReleaseMask, 200, 203, 249
Byte:
  order, **469**

C

CallbackPrototype, **326**
calloc, 453
CapButt, 129, 131, 138
CapNotLast, 131, 138
CapProjecting, 131, 138
CapRound, 131, 138
CARD16, 454
CARD32, 454
CCC, 85
  creation, 104
  default, 85, 100, 101
  freeing, 105
  of colormap, 85, 100, 101
CellsOfScreen, **21**

CenterGravity, 36, 59
Changing:
  pointer grab, 251
char, 66, 68, 69, 454
Character glyph, **469**
Character set, **469**
Character, **469**
Charset, **469**
CharSetEncoding, 287, 288, 468, 471
CharSetRegistry, 287, 288, 468, 471
Child window, 1
Child Window, 57
Children, **469**
Chroma, 117, 118, 119
  maximum, 117, 118, 119
CIE metric lightness, 113, 114, 115, 116, 117
  maximum, 114, 116
  minimum, 115, 117
CirculateNotify, 51, 197, 201, 207, **217**, 223
CirculateRequest, 51, 197, **224**, 232
Class, **469**
Clearing:
  areas, 147
  windows, 148
Client White Point, 85
  of Color Conversion Context, 103
Client, **470**
ClientMessage, 63, 197, 200, **227**, 342
ClientWhitePointOfCCC, **102**
ClipByChildren, 129, 133, 146, 147
Clipping region, **470**
Coded character set, **470**
Coded character, **470**
Codepoint, **470**
Color Characterization Data, 125
Color Conversion Context, 85
  creation, 85, 100, 104
  default, 85, 100, 101
  freeing, 105
  of colormap, 85, 100, 101
Color conversion, 106
Color map, 80, 90
Color, 80
  allocation, 89, 90, 91, 92, 93
  conversion, 106
  deallocation, 94
  naming, 87, 88, 90, 91, 97
  querying, 98, 99
  storing, 95, 96, 97
Colormap, 2, 26, 27, 324, 447, **470**
  CCC of, 100, 101
ColormapChangeMask, 200, 227
ColormapInstalled, 227
ColormapNotify, 53, 87, 187, 197, **226**, 227
Colormaps:
  standard, 372
ColormapUninstalled, 227
Complex, 159
ConfigureNotify, 46, 197, 201, 207, 217, **218**, 223
ConfigureRequest, 3, 46, 48, 49, 50, 51, 52, 197, 224, **225**, 232
ConfigureRequestEvent, 343
ConfigureWindow, 225, 343
Connection, **470**
ConnectionNumber, **11**
Containment, **470**
Control, 272
ControlMask, 206, 209, 249, 253
ConvertSelection, 230
Convex, 159
Coordinate system, **470**
CoordModeOrigin, 152, 153, 154, 159
CoordModePrevious, 152, 153, 154, 159
CopyArea, 150
CopyFromParent, 34, 36, 39, 53, 55
Copying:
  areas, 148
  planes, 149
CreateNotify, 40, 41, 197, 201, 217, **219**
CurrentTime, 71, 72, 200, 230, 241, **248**, 249, 250, 251, 253, 254, 255, 256, 259, 260, 480
Cursor, 2, 26, 27, 325, 447, **470**
  Initial State, 41
  limitations, 77
CursorShape, 140, 141
Cut Buffers, 405
CWBackingPixel, 33
CWBackingPlanes, 33
CWBackingStore, 33
CWBackPixel, 33
CWBackPixmap, 33
CWBitGravity, 33
CWBorderPixel, 33
CWBorderPixmap, 33
CWBorderWidth, 45
CWColormap, 33
CWCursor, 33
CWDontPropagate, 33
CWEventMask, 33
CWHeight, 45
CWOverrideRedirect, 33
CWSaveUnder, 33
CWSibling, 45
CWStackMode, 45
CWWidth, 45
CWWinGravity, 33

CWX, 45
CWY, 45

D

Data16, 450
Data32, 450
Data, 449, 450, 453
Debugging:
  error event, 243
  error handlers, 243
  error message strings, 245
  error numbers, 243
  synchronous mode, 242
Default Protection, 193
DefaultBlanking, 190, 192
DefaultColormap, **11**, 80
DefaultColormapOfScreen, **22**
DefaultDepth, **12**
DefaultDepthOfScreen, **22**
DefaultExposures, 190, 192
DefaultGC, **12**
DefaultGCOfScreen, **22**
DefaultRootWindow, **13**
DefaultScreen, 8, 9, **13**
DefaultScreenOfDisplay, **13**
DefaultVisual, **14**, 80
DefaultVisualOfScreen, **22**
Depth, **471**
Destination, **129**
DestroyAll, 26, 27
DestroyCallback, **313**, **327**
DestroyNotify, 42, 197, 201, 217, **219**
Device Color Characterization, 124
Device profile, 85, 125
Device, **471**
DirectColor, 31, 32, 80, 86, 93, 94, 373, **471**, 480
DisableAccess, 195
Display Functions, **129**
Display, 9, 10, 26, 272, 442, 443, 448, 450, **471**, 478
  data structure, 10
  structure, 471, 478
DisplayCells, **14**
DisplayHeight, **20**
DisplayHeightMM, **20**
DisplayOfCCC, **101**
DisplayOfScreen, **23**
DisplayPlanes, **14**
DisplayString, **15**
DisplayWidth, **20**
DisplayWidthMM, **21**
DoBlue, 80, 88, 96, 97, 98, 99
DoesBackingStore, **23**
DoesSaveUnders, **23**
DoGreen, 80, 88, 96, 97, 98, 99
DontAllowExposures, 190, 192
DontPreferBlanking, 190, 192
DoRed, 80, 88, 96, 97, 98, 99
Drawable, 2, 447, 449, **471**
Drawing:
  arcs, 156
  image text, 176
  lines, 152
  points, 151
  polygons, 152
  rectangles, 154
  strings, 175
  text items, 173

E

EastGravity, 36, 59
EnableAccess, 195
Encoding, **471**
EnterNotify, 197, **207**, 208, 209, 210, 211, 214, 223, 250, 251
EnterWindowMask, 200, 207, 249
Environment:
  DISPLAY, 8
Error:
  codes, 243
  handlers, 243
  handling, 3
Escapement, **471**
EvenOddRule, 129, 133, 140, 401
Event mask, **199**
Event, 2, 197, **471**
  categories, 197
  Exposure, **472**
  mask, **472**
  propagation, 231, **472**
  source, **472**
  synchronization, **472**
  types, 197
EventMaskOfScreen, **23**
Events:
  ButtonPress, 203
  ButtonRelease, 203
  CirculateNotify, 217
  CirculateRequest, 224
  ClientMessage, 227
  ColormapNotify, 226
  ConfigureNotify, 218
  ConfigureRequest, 225
  CreateNotify, 219

DestroyNotify, 219
EnterNotify, 207
Expose, 215
FocusIn, 210
FocusOut, 210
GraphicsExpose, 216
GravityNotify, 220
KeymapNotify, 214
KeyPress, 203
KeyRelease, 203
LeaveNotify, 207
MapNotify, 220
MappingNotify, 221
MapRequest, 225
MotionNotify, 203
NoExpose, 216
PropertyNotify, 228
ReparentNotify, 222
ResizeRequest, 226
SelectionClear, 229
SelectionNotify, 230
SelectionRequest, 229
UnmapNotify, 222
VisibilityNotify, 223
Expose, 2, 33, 36, 37, 42, 43, 44, 45, 48, 49, 50, 51, 147, 148, 185, 191, 197, 207, 211, **215**, 223
ExposureMask, 200, 215
Extension, **472**

F

False, **4**, 23, 29, 34, 38, 43, 46, 48, 49, 50, 51, 52, 59, 61, 62, 64, 97, 106, 148, 166, 200, 203, 206, 208, 225, 226, 227, 232, 234, 235, 237, 238, 239, 240, 242, 249, 254, 274, 281, 291, 292, 314, 335, 353, 385, 386, 387, 390, 431, 437, 439, 451
FamilyChaos, 193
FamilyDECnet, 193
FamilyInternet, 193
Files:
$HOME/.Xdefaults, 462
/etc/X?.hosts, 193
<stdio.h>, 454
<X11/cursorfont.h>, 4
<X11/keysym.h>, 4, 267
<X11/keysymdef.h>, 4, 267, 395
<X11/X.h>, 2, 3, 129, 197, 200
<X11/X10.h>, 4, 463
<X11/Xatom.h>, 3, 63, 166, 340, 372
<X11/Xcms.h>, 3, 79
<X11/Xlib.h>, 3, 4, 9, 79, 198, 338, 408, 432, 442, 443
<X11/Xlibint.h>, 4, 431, 445, 446, 448
<X11/Xproto.h>, 4, 216, 243, 446, 447, 448
<X11/Xprotostr.h>, 4
<X11/Xresource.h>, 3, 376
<X11/Xutil.h>, 3, 352, 354, 359, 364, 399, 400, 407, 410, 416, 457
Filling:
arcs, 160
polygon, 159
rectangles, 158
FillOpaqueStippled, 132, 140, 150
FillPolygon, 158
FillSolid, 129, 132, 140, 178
FillStippled, 132, 140
FillTiled, 132, 140
FlushGC, **444**, 445
FocusChangeMask, 200, 210
FocusIn, 197, **210**, 211, 212, 213, 214, 254, 255, 260
FocusOut, 197, 207, **210**, 211, 212, 213, 214, 223, 254, 255, 260
Font glyph, **472**
Font, 2
font, 6
Font, 26, 27, 161, 447, **472**
FontLeftToRight, 163, 169, 170, 171
FontRightToLeft, 163, 169, 170, 171
Fonts, 465
freeing font information, 164
getting information, 164
unloading, 164
Forget, 37
ForgetGravity, 34, 36, 37, 59
fork, 15
free, 453
Freeing:
colors, 94
resources, 33, 54, 55
Frozen events, **472**
Function set, 124
LINEAR_RGB, 124

G

Gamut compression, 85
client data, 103
procedure, 103
setting in Color Conversion Context, 103
Gamut handling, 85
Gamut querying, 111
GC, 442, **472**
GCArcMode, 127, 135
GCBackground, 127, 135
GCCapStyle, 127, 135

GCClipMask, 127, 135
GCClipXOrigin, 127, 135
GCClipYOrigin, 127
GCCLipYOrigin, 135
GCDashList, 127, 135
GCDashOffset, 127, 135
GCFillRule, 127, 135
GCFillStyle, 127, 135
GCFont, 127, 135
GCForeground, 127, 135
GCFunction, 127, 135
GCGraphicsExposures, 127, 135
GCJoinStyle, 127, 135
GCLineStyle, 127, 135
GCLineWidth, 127, 135
GContext, 2, 26, 27, 136, 164, 165, 171, 243, 447
GCPlaneMask, 127, 135
GCStipple, 127, 135
GCSubwindowMode, 127, 135
GCTile, 127, 135
GCTileStipXOrigin, 127, 135
GCTileStipYOrigin, 127, 135
GeometryCallback, **326**
GetEmptyReq, 448, 449
GetKeyboardControl, 448, 450
GetReq, 448, 449, 453
GetReqExtra, 448, 449
GetResReq, 448, 449
GetWindowAttributes, 448, 450, 451
Glyph image, **473**
Glyph, **472**
Grab, **473**
Grabbing:
  buttons, 251
  keyboard, 253
  keys, 255
  pointer, 249
  server, 189
GrabFrozen, 250, 254
GrabInvalidTime, 250, 254
GrabModeAsync, 203, 249, 250, 251, 253, 254, 255
GrabModeSync, 249, 250, 251, 253, 254, 255
GrabNotViewable, 250, 254
GrabSuccess, 249
Graphics context, 127, **473**
  initializing, 134
  path, 131
GraphicsExpose, 134, 146, 149, 197, 198, 200, **216**, 217
Gravity, **473**
GravityNotify, 37, 46, 197, 201, 207, 217, **220**, 223
GrayScale, 31, 32, 76, 80, 86, 93, 372, 373, 460, **473**, 479
GXand, 129
GXandInverted, 129
GXandReverse, 129
GXclear, 129
GXcopy, 129, 148, 149, 178
GXcopyInverted, 129
GXequiv, 129
GXinvert, 129
GXnand, 129
GXnoop, 129
GXnor, 129
GXor, 129
GXorInverted, 129
GXorReverse, 129
GXset, 129
GXxor, 129

H

Hash Lookup, 465
Headers:
  <stdio.h>, 454
  <X11/cursorfont.h>, 4
  <X11/keysym.h>, 4, 267
  <X11/keysymdef.h>, 4, 267, 395
  <X11/X.h>, 2, 3, 129, 197, 200
  <X11/X10.h>, 4, 463
  <X11/Xatom.h>, 3, 63, 166, 340, 372
  <X11/Xcms.h>, 3, 79
  <X11/Xlib.h>, 3, 4, 9, 79, 198, 338, 408, 432, 442, 443
  <X11/Xlibint.h>, 4, 431, 445, 446, 448
  <X11/Xproto.h>, 4, 216, 243, 446, 447, 448
  <X11/Xprotostr.h>, 4
  <X11/Xresource.h>, 3, 376
  <X11/Xutil.h>, 3, 352, 354, 359, 364, 399, 400, 407, 410, 416, 457
HeightMMOfScreen, **24**
HeightOfScreen, **24**
HeightValue, 399
Host Portable Character Encoding, **473**
Hotspot, **473**

I

IconicState, 342, 353
IconMaskHint, 352
IconPixmapHint, 352
IconPositionHint, 352
IconWindowHint, 352
Identifier, **473**

Image text:
drawing, 176
ImageByteOrder, **19**
IMInstantiateCallback, **310**
IncludeInferiors, 133, 146
Inferiors, **473**
InitExtension, 246
Input Control, 197
Input:
focus, **473**
manager, **473**
InputFocus, 239, 240
InputHint, 352
InputOnly, 33, 34, 36, 38, 39, 41, 46, 54, 55, 59, 60, 73, 141, 142, 148, 185, 215, 223, 243, 469, 471, 474, 475
InputOutput, 33, 34, 35, 36, 37, 38, 39, 41, 44, 59, 133, 468, 469, 474, 475
int, 5, 324, 436, 454
Internationalization, **474**
IsCursorKey, **396**
IsFunctionKey, **396**
IsKeypadKey, **396**
IsMiscFunctionKey, **396**
IsModifierKey, **396**
ISO2022, **474**
IsPFKey, **396**
IsPrivateKeypadKey, **396**
isspace, 480
IsUnmapped, 59
IsUnviewable, 59
IsViewable, 59

J

JoinBevel, 131, 138
JoinMiter, 129, 131, 138
JoinRound, 131, 138

K

KBAutoRepeatMode, 261
KBBellDuration, 261
KBBellPercent, 261
KBBellPitch, 261
KBKey, 261
KBKeyClickPercent, 261
KBLed, 261
KBLedMode, 261
Key:
grabbing, 255, **474**
ungrabbing, 256
Keyboard:
bell volume, 261
bit vector, 261
grabbing, 253, **474**
keyclick volume, 261
ungrabbing, 254
KeymapNotify, 197, **214**
KeymapStateMask, 200, 214
KeyMapStateMask, 249
KeyPress, 38, 197, **203**, 214, 254, 255, 257, 262, 267, 336, 337, 393
KeyPressMask, 200, 203
KeyRelease, 38, 197, **203**, 214, 254, 257, 262, 336, 393
KeyReleaseMask, 200, 203
Keysym, **474**

L

LastKnownRequestProcessed, **16**
Latin Portable Character Encoding, **474**
Latin-1, **474**
LeaveNotify, 197, **207**, 208, 209, 210, 211, 223, 250, 251
LeaveWindowMask, 200, 207, 249
LedModeOff, 262
LedModeOn, 262
LineDoubleDash, 131, 132, 138
LineOnOffDash, 131, 132, 138
Lines:
drawing, 152
LineSolid, 129, 131, 132, 138
Locale name, **475**
Locale, **474**
Localization, **475**
Lock, 268, 272, 397
LockDisplay, **448**
LockMask, 206, 209, 249, 253
long, 66, 68, 69, 321, 324, 436, 454
LookupColor, 243
LowerHighest, 51, 52
LSBFirst, 19

M

malloc, 453
MapNotify, 43, 197, 201, 207, 217, **220**, 221, 223
Mapped window, **475**
MappingBusy, 265, 272
MappingFailed, 272
MappingKeyboard, 221, 222, 394
MappingModifier, 221, 394
MappingNotify, 197, 200, 217, **221**, 265, 270, 272,

394
MappingPointer, 221, 222
MappingSuccess, 265, 272
MapRequest, 43, 197, 224, **225**, 226, 232
MapWindow, 27, 184, 185
MaxCmapsOfScreen, **24**
mblen, 276
mbtowc, 276
Menus, 189
MinCmapsOfScreen, **25**
Mod1, 268, 272
Mod1Mask, 206, 209, 249, 253
Mod2, 272
Mod2Mask, 206, 209, 249, 253
Mod3, 272
Mod3Mask, 206, 209, 249, 253
Mod4, 272
Mod4Mask, 206, 209, 249, 253
Mod5, 268, 272
Mod5Mask, 206, 209, 249, 253
Modifier keys, **475**
Monochrome, **475**
MotionNotify, 197, 201, **203**, 204, 207, 241
Mouse:
  programming, 261
MSBFirst, 19
Multibyte, **475**

N

NextRequest, **16**, 243
NoEventMask, 38, 200
NoExpose, 146, 149, 197, 200, **216**
Nonconvex, 159, 160
None, **4**, 34, 35, 36, 39, 53, 54, 56, 59, 61, 62, 64, 67, 71, 72, 74, 75, 87, 129, 133, 144, 145, 148, 149, 173, 174, 203, 206, 208, 213, 218, 225, 227, 230, 249, 250, 251, 259, 260, 297, 335, 349, 374, 416, 456
NoOperation, 25
NormalState, 353
NorthEastGravity, 36, 59, 400
NorthGravity, 36, 59
NorthWestGravity, 34, 36, 37, 59, 400
NoSymbol, 267, 269, 270, 393, 394, 395
NotifyAncestor, 209, 211, 212
NotifyDetailNone, 211, 213, 214
NotifyGrab, 209, 210, 211, 214
NotifyHint, 204, 206
NotifyInferior, 209, 211, 212
NotifyNonlinear, 209, 210, 211, 212, 213
NotifyNonlinearVirtual, 209, 210, 211, 212, 213
NotifyNormal, 206, 209, 211
NotifyPointer, 211, 212, 213, 214
NotifyPointerRoot, 211, 213, 214
NotifyUngrab, 209, 210, 211, 214
NotifyVirtual, 209, 211, 212
NotifyWhileGrabbed, 211
NotUseful, 23, 34, 37, 59
NULLQUARK, 390

O

Obscure, **475**
Occlude, **475**
OpenFont, 243
Opposite, 46, 47, 48
Output Control, 197
OwnerGrabButtonMask, 200, 203

P

PackData, 454
Padding, **476**
PAllHints, 355, 357
Parent Window, 1, 57
ParentRelative, 33, 35, 53, 54, 185
PAspect, 355
Passive grab, 248, **476**
PBaseSize, 355
Pixel value, 130, **476**
Pixmap, 2, 26, 27, 324, 447, 449, **476**
Pixmaps, 465
PlaceOnBottom, 217, 218, 225
PlaceOnTop, 217, 225
Plane, **476**
  copying, 149
  mask, 130, **476**
PlanesOfScreen, **25**
PMaxSize, 355
PMinSize, 355
Pointer, **476**
  grabbing, 249, 251, **476**
  ungrabbing, 250
PointerMotion, 38
PointerMotionHintMask, 200, 204, 249
PointerMotionMask, 200, 201, 204, 249
PointerRoot, 27, 213, 214, 259, 260, 353
PointerWindow, 239, 240
Pointing device, **476**
Points:
  drawing, 151
poll, 30
Polygons:
  drawing, 152
  filling, 159

PolyLine, 154, 155
POSIX Portable Filename Character Set, **477**
POSIX System Call:
  fork, 15
POSIX, **476**
PPosition, 355
PreeditCaretCallback, **332**
PreeditDoneCallback, **329**
PreeditDrawCallback, **330**
PreeditStartCallback, **329**
PreeditStateNotifyCallback, **327**
PreferBlanking, 190, 192
PResizeInc, 355
Property list, **477**
Property, **477**
  appending, 69
  changing, 69
  deleting, 70
  format, 69
  getting, 66
  listing, 68
  prepending, 69
  replacing, 69
  type, 69
PropertyChangeMask, 200, 228
PropertyDelete, 228, 229
PropertyNewValue, 228
PropertyNotify, 68, 69, 70, 197, 227, **228**
PropModeAppend, 69
PropModePrepend, 69
PropModeReplace, 69
Protocol:
  DECnet, 9
  TCP, 9
ProtocolRevision, **16**
ProtocolVersion, **16**
PseudoColor, 31, 32, 80, 86, 92, 93, 94, 373, 473, **477**, 479
PSize, 355
Psychometric Chroma, 113, 114, 115, 116
  maximum, 113, 114, 115, 116
Psychometric Hue Angle, 113, 114, 115, 116, 117
PWinGravity, 355

Q

QLength, **17**
QueryFont, 243, 448, 450
QueryKeymap, 448, 450
QueuedAfterFlush, 233
QueuedAfterReading, 233
QueuedAlready, 233

R

RaiseLowest, 51, 52
Read-only colormap cells, 89
read-only colormap cells, 90
Read-only colormap cells:
  allocating, 89, 90, 91
Read/write colormap cells, 89
  allocating, 92
Read/write colormap planes:
  allocating, 93
Rectangle, **477**
  filling, 158
RectangleIn, 405
RectangleOut, 405
RectanglePart, 405
Rectangles:
  drawing, 154
Redirecting control, **477**
Region, 400
ReleaseByFreeingColormap, 371
ReparentNotify, 184, 197, 201, 217, **222**
ReplayKeyboard, 256, 257, 258
ReplayPointer, 256, 257, 258
Reply, **477**
Request, **477**
Requests, **197**
ResizeRedirect, 226
ResizeRedirectMask, 43, 46, 53, 200, 232
ResizeRequest, 43, 46, 197, 224, **226**, 232
Resource IDs, 2, 26, 465
  Cursor, 2
  Font, 2
  freeing, 33, 54, 55
  GContext, 2
  Pixmap, 2
  Window, 2
Resource, **477**
ResourceName, 389
RetainPermanent, 26, 27, 190
RetainTemporary, 26, 27, 190
RevertToNone, 259, 260
RevertToParent, 259, 260
RevertToPointerRoot, 259, 260
RGB values, **477**
Root, 127, **478**
RootWindow, **17**, 301

RootWindowOfScreen, **25**

S

Save set, **478**
Save Unders, 38
Scanline, **478**
  order, **478**
Screen White Point, 111
Screen, 1, 8, 9, 10, 21, 22, 23, 24, 25, 442, **478**
  structure, 478
ScreenCount, **17**
ScreenFormat, 442
ScreenNumberOfCCC, **102**
ScreenOfDisplay, **13**
ScreenSaverActive, 191
ScreenSaverReset, 191, 192
ScreenWhitePointOfCCC, **102**
select, 30
Selection, 70, **478**
  converting, 72
  getting the owner, 71
  setting the owner, 71
SelectionClear, 71, 197, 200, 227, **229**
SelectionNotify, 72, 197, 200, 227, **230**, 239
SelectionRequest, 71, 72, 197, 200, 227, **229**
SendEvent, 198, 436
Serial Number, 243
Server, **478**
  grabbing, 189, **479**
ServerVendor, **17**
setlocale, 273, 275, 474, 475
SetModeDelete, 185
SetModeInsert, 185
Shift sequence, **479**
Shift, 268, 272, 397
ShiftMask, 206, 209, 249, 253
short, 66, 68, 69, 454
Sibling, **479**
Source, **129**
SouthEastGravity, 36, 59, 400
SouthGravity, 36, 59
SouthWestGravity, 36, 59, 400
special, 6
Stacking order, 2, **479**
Standard Colormaps, 372
State-dependent encoding, **479**
State-independent encoding, **479**
StateHint, 352
StaticColor, 31, 32, 80, 86, **479**
StaticGravity, 37, 59
StaticGray, 31, 32, 76, 80, 86, 475, **479**
Status, 3, 85, **479**
StatusDoneCallback, **334**
StatusDrawCallback, **334**
StatusStart, 334
StatusStartCallback, **333**
Stipple, **479**
StippleShape, 140, 141
STRING encoding, **479**
String Equivalence, **479**
StringConversionCallback, **328**
Strings:
  drawing, 175
strlen, 389
strtok, 276
StructureNotify, 217, 218, 220, 221, 222, 223
StructureNotifyMask, 200, 217, 218, 219, 220, 221, 222
SubstructureNotify, 217, 218, 220, 221, 222, 223
SubstructureNotifyMask, 200, 201, 217, 218, 219, 220, 221, 222, 342
SubstructureRedirectMask, 38, 43, 46, 48, 49, 50, 51, 52, 53, 200, 224, 225, 226, 232, 342
Success, 68, 343, 345, 346
SyncBoth, 256, 257
SyncHandle, 452
SyncKeyboard, 256, 257, 258
SyncPointer, 256, 257, 258

T

Text:
  drawing, 173
this, 6
Tile, 2, **480**
  mode, 33
  pixmaps, 33
TileShape, 140, 141
Time, **248**
Timestamp, **480**
TopIf, 46, 47, 48
True, **4**, 23, 29, 38, 43, 59, 61, 62, 68, 93, 94, 97, 106, 107, 109, 123, 129, 148, 149, 163, 166, 184, 198, 200, 203, 206, 208, 216, 219, 221, 222, 223, 227, 229, 232, 234, 235, 236, 237, 238, 239, 240, 242, 250, 254, 266, 274, 281, 286, 291, 292, 314, 335, 345, 353, 384, 385, 386, 387, 390, 396, 404, 431, 437, 439, 451
TrueColor, 31, 32, 80, 86, **480**
Type, **480**

U

Ungrabbing:
  buttons, 253
  keyboard, 254
  keys, 256
  pointer, 250
UngrabKeyboard, 255
UngrabPointer, 251
UnlockDisplay, **448**
UnmapGravity, 37, 59, 223
UnmapNotify Event, 45
UnmapNotify, 37, 45, 197, 201, 207, 211, 217, **222**, 223, 342
UnmapWindow, 184, 185
unsigned, 321, 324, 436, 454
Unsorted, 144, 145
UrgencyHint, 352, 354
USPosition, 355
USSize, 355

V

Value, 118, 119
  maximum, 118, 119
  minimum, 119
VendorRelease, **18**
Vertex, **463**
VertexCurved, **463**, 464
VertexDontDraw, **463**, 464
VertexDrawLastPoint, 462
VertexEndClosed, **463**, 464
VertexRelative, **463**, 464
VertexStartClosed, **463**, 464
Viewable, **480**
VisibilityChangeMask, 200, 223
VisibilityFullyObscured, 223, 224
VisibilityNotify, 39, 197, 207, 211, 217, **223**
VisibilityPartiallyObscured, 223, 224
VisibilityUnobscured, 223, 224
Visible, **480**
Visual Classes:
  GrayScale, 31
  PseudoColor, 31
  StaticColor, 31
  StaticGray, 31
  TrueColor, 31
Visual Type, **31**
Visual, **31**, 32, 58, 409, 442
VisualAllMask, 407
VisualBitsPerRGBMask, 407
VisualBlueMaskMask, 407
VisualClassMask, 407
VisualColormapSizeMask, 407
VisualDepthMask, 407
VisualGreenMaskMask, 407
VisualID, 447
VisualIDMask, 407
VisualNoMask, 407
VisualOfCCC, **102**
VisualRedMaskMask, 407
VisualScreenMask, 407
VoidSymbol, 267

W

wctomb, 276
WestGravity, 36, 59
WhenMapped, 23, 37, 53, 59, 215
White point adjustment, 85
  client data, 104
  procedure, 104
  setting in Color Conversion Context, 104
White point, 85
WhitePixel, 10, **11**
WhitePixelOfScreen, **21**
Whitespace, **480**
WidthMMOfScreen, **24**
WidthOfScreen, **24**
WidthValue, 399
WindingRule, 133, 140, 401
Window, **2**, 26, 33, 320, 447, 449
  attributes, 33
  background, 54
  clearing, 148
  defining the cursor, 56
  determining location, 398, 461
  gravity, **480**
  icon name, 351
  IDs, 465
  InputOnly, 39, **474**
  InputOutput, **474**
  manager, **481**
  managers, 189
  mapping, 33
  name, 349
  parent, **476**
  root, **478**
  RootWindow, 17
  undefining the cursor, 56
  XRootWindow, 17
WindowGroupHint, 352
Windows, 465

WithdrawnState, 353

X

X Portable Character Set, **481**
X10 compatibility:
  XDraw, 462, 463
  XDrawDashed, 462, 463
  XDrawFilled, 462, 464
  XDrawPatterned, 462, 463
  XDrawTiled, 462, 464
XActivateScreenSaver, **192**
XAddConnectionWatch, **29**
XAddExtension, **433**
XAddHost, **193**, 194
XAddHosts, **194**
XAddPixel, **411**
XAddToExtensionList, 442, **443**
XAddToSaveSet, **185**, 186
XAllocClassHint, **359**
XAllocColor, 87, **89**, 90, 92, 95, 111
XAllocColorCells, 86, 87, **92**, 93, 95
XAllocColorPlanes, 86, 87, **93**, 94, 95, 372
XAllocIconSize, **364**
XAllocID, **443**, 449
XAllocIDs, **443**
XAllocNamedColor, 83, 87, **90**, 91, 92, 95
XAllocSizeHints, **355**
XAllocStandardColormap, **371**
XAllocWMHints, **352**
XAllowEvents, 248, 250, 254, **256**, 257, 258
XAllPlanes, **10**
XAnyEvent, **198**
XAppendVertex, 462
XArc, **151**
XAssocTable, 465, 466
XAutoRepeatOff, **264**
XAutoRepeatOn, **264**
XBaseFontNameListOfFontSet, 287, **290**
XBell, **264**
XBitmapBitOrder, **19**
XBitmapPad, **19**
XBitmapUnit, **19**
XBlackPixel, **10**
XBlackPixelOfScreen, **21**
XBufferOverflow, 336
XButtonEvent, **204**
XButtonPressedEvent, **204**, 206
XButtonReleasedEvent, **204**, 206
Xcalloc, 453
XCellsOfScreen, **21**
XChangeActivePointerGrab, 203, **251**
XChangeGC, **134**, 135, 145, 449
XChangeKeyboardControl, 261, **263**, 264
XChangeKeyboardMapping, 221, **270**
XChangePointerControl, **266**
XChangeProperty, 15, **69**, 228, 229
XChangeSaveSet, **185**
XChangeWindowAttributes, 33, **53**, 54, 87, 187, 227, 231
XChar2b, **161**, 171, 172, 175
XCharStruct, **161**, 163, 164, 169, 170, 171, 172
XCheckIfEvent, 234, **235**
XCheckMaskEvent, **237**, 238
XCheckTypedEvent, **238**
XCheckTypedWindowEvent, **238**, 239
XCheckWindowEvent, **236**, 237
XCirculateEvent, **217**
XCirculateRequestEvent, **224**
XCirculateSubwindows, **51**, 52, 217, 224
XCirculateSubwindowsDown, **52**, 217, 224
XCirculateSubwindowsUp, **51**, 52, 217, 224
XClassHint, **359**, 360, 365, 366, 367, 368
XClearArea, **147**, 148
XClearVertexFlag, 463
XClearWindow, 53, **148**
XClientMessageEvent, **227**
XClipBox, **402**
XCloseDisplay, **26**, 434
XCloseIM, 302, 307, **309**, 313, 321
XCloseOM, **278**, 280
XcmsAddColorSpace, 107, 110, **120**, 121
XcmsAddFunctionSet, 120, **124**, 125
XcmsAllocColor, **90**, 110
XcmsAllocNamedColor, 83, **91**, 92
XcmsCCC, 101, 125
XcmsCCCOfColormap, **100**
XcmsCIELab, **81**, 110
XcmsCIELabClipab, 108
XcmsCIELabClipL, 108
XcmsCIELabClipLab, 108
XcmsCIELabFormat, 81, 124
XcmsCIELabQueryMaxC, 108, **113**, 114
XcmsCIELabQueryMaxL, **114**
XcmsCIELabQueryMaxLC, **114**, 115
XcmsCIELabQueryMinL, **115**
XcmsCIELabToCIEXYZ, 124
XcmsCIELabWhiteShiftColors, 110
XcmsCIELuv, **81**, 110
XcmsCIELuvClipL, 108
XcmsCIELuvClipLuv, 108
XcmsCIELuvClipuv, 108
XcmsCIELuvFormat, 81, 124
XcmsCIELuvQueryMaxC, 108, **116**
XcmsCIELuvQueryMaxL, **116**
XcmsCIELuvQueryMaxLC, **116**, 117

XcmsCIELuvQueryMinL, **117**
XcmsCIELuvToCIEuvY, 124
XcmsCIELuvWhiteShiftColors, 110
XcmsCIEuvY, **81**, 110, 111
XcmsCIEuvYFormat, 81, 103, 124
XcmsCIEuvYToCIELuv, 124
XcmsCIEuvYToCIEXYZ, 124
XcmsCIEuvYToTekHVC, 124
XcmsCIExyY, **81**
XcmsCIExyYFormat, 81, 103, 124
XcmsCIExyYToCIEXYZ, 124
XcmsCIEXYZ, **81**, 106, 107, 110
XcmsCIEXYZFormat, 81, 103, 124
XcmsCIEXYZToCIELab, 124
XcmsCIEXYZToCIEuvY, 124
XcmsCIEXYZToCIExyY, 124
XcmsCIEXYZToRGBi, 124
XcmsClientWhitePointOfCCC, **102**
XcmsColor, **80**, 92, 96, 97, 99, 100, 106, 107, 109, 120, 122, 123
XcmsColorFormat, 81
XcmsColorSpace, 121, 122, 123, 124, 125
XcmsColorSpaces, 121
XcmsCompressionProc, **107**
XcmsConvertColors, **106**
XcmsCreateCCC, **104**, 105
XcmsDefaultCCC, **101**
XcmsDisplayOfCCC, **101**
XcmsFailure, 85, 89, 90, 103, 104, 106, 114, 115, 116, 117, 126
XcmsFormatOfPrefix, 81, **121**, 122, 124
XcmsFreeCCC, 101, 104, **105**
XcmsFunctionSet, 125, 126
XcmsInitFailure, 126
XcmsInitNone, 126
XcmsInitSuccess, 126
XcmsLookupColor, 83, **88**, 89, 92
XcmsPad, **81**
XcmsParseStringProc, **122**
XcmsPerScrnInfo, 125, 126
XcmsPrefixOfFormat, 81, **121**, 122, 124
XcmsQueryBlack, **111**
XcmsQueryBlue, **112**
XcmsQueryColor, 97, **99**
XcmsQueryColors, 97, **99**, 100
XcmsQueryGreen, **112**
XcmsQueryRed, **112**, 113
XcmsQueryWhite, **113**
XcmsRGB, **81**, 83, 110, 111
XcmsRGBFormat, 81, 90, 92, 106, 124
XcmsRGBi, **81**, 83, 106, 107, 110, 111
XcmsRGBiFormat, 81, 106, 124
XcmsRGBiToCIEXYZ, 124
XcmsRGBiToRGB, 124
XcmsRGBToRGBi, 124
XcmsScreenFreeProc, **126**
XcmsScreenInitProc, **125**
XcmsScreenNumberOfCCC, **102**
XcmsScreenWhitePointOfCCC, **102**
XcmsSetCCCOfColormap, **101**
XcmsSetCompressionProc, **103**, 104
XcmsSetWhiteAdjustProc, **104**
XcmsSetWhitePoint, **103**
XcmsStoreColor, **96**, 97
XcmsStoreColors, **97**
XcmsSuccess, 85, 89, 97, 121, 126
XcmsSuccessWithCompression, 85, 89
XcmsTekHVC, **81**, 110
XcmsTekHVCClipC, 109
XcmsTekHVCClipV, 109
XcmsTekHVCClipVC, 109
XcmsTekHVCFormat, 81, 124
XcmsTekHVCQueryMaxC, 111, **117**, 118
XcmsTekHVCQueryMaxV, **118**
XcmsTekHVCQueryMaxVC, **118**, 119
XcmsTekHVCQueryMaxVSamples, **119**
XcmsTekHVCQueryMinV, **119**, 120
XcmsTekHVCToCIEuvY, 124
XcmsTekHVCWhiteShiftColors, 110
XcmsUndefinedFormat, 81, 88, 91, 103, 121
XcmsVisualOfCCC, **102**
XcmsWhiteAdjustProc, **109**
XCNOENT, 417
XCNOMEM, 416
XColor, 77, **80**, 83, 90, 95, 96, 97, 98, 99
XColormapEvent, **227**
XComposeStatus, 397
XCompoundTextStyle, 344
XConfigureEvent, **218**
XConfigureRequestEvent, **225**
XConfigureWindow, 45, **47**, 48, 218, 220, 225, 226
XConnectionNumber, **11**
XContextDependentDrawing, **292**
XContextualDrawing, 281, **291**, 292
XConvertCase, **394**, 395
XConverterNotFound, 344, 345
XConvertSelection, **72**, 229
XCopyArea, 134, 146, **148**, 149, 200, 216
XCopyColormapAndFree, **86**, 87
XCopyGC, **134**
XCopyPlane, 73, 134, 146, **149**, 150, 200, 216
XCreateAssocTable, **465**
XCreateBitmapFromData, **415**, 416
XCreateColormap, **86**, 95, 371
XCreateFontCursor, **74**, 430

XCreateFontSet, 275, **286**, 287, 288, 289, 290, 294, 296, 297, 298, 299, 346, 347
XCreateGC, 127, **134**, 135, 145, 216, 401, 449
XCreateGlyphCursor, **74**, 75
XCreateIC, 275, 302, **315**, 318, 322
XCreateImage, **409**, 410, 411
XCreateOC, 275, **282**, 283, 284, 286
XCreatePixmap, **73**, 449
XCreatePixmapCursor, **75**, 76
XCreatePixmapFromBitmapData, **414**, 415
XCreateRegion, **401**
XCreateSimpleWindow, 39, **41**, 42, 187, 219
XCreateWindow, 33, **39**, 40, 41, 53, 87, 187, 219, 231
XCreateWindowEvent, **219**
XCrossingEvent, **207**
XDefaultColormap, **11**
XDefaultColormapOfScreen, **22**
XDefaultDepth, **12**
XDefaultDepthOfScreen, **22**
XDefaultGC, **12**
XDefaultGCOfScreen, **22**
XDefaultRootWindow, **13**
XDefaultScreen, 8, 9, **13**
XDefaultScreenOfDisplay, **13**
XDefaultString, **346**
XDefaultVisual, **14**
XDefaultVisualOfScreen, **22**
XDefineCursor, 41, **56**
XDeleteAssoc, **466**
XDeleteContext, **417**
XDeleteModifiermapEntry, **271**
XDeleteProperty, **70**, 229
XDestroyAssocTable, **466**
XDestroyIC, **315**, 321
XDestroyImage, 410, **411**
XDestroyOC, **282**, 285, 286
XDestroyRegion, **401**
XDestroySubwindows, **42**, 219
XDestroyWindow, **42**, 219
XDestroyWindowEvent, **220**
XDirectionalDependentDrawing, 281, **291**
XDisableAccessControl, **196**
XDisplayCells, 10, **14**
XDisplayHeight, 10, **20**
XDisplayHeightMM, 10, **20**
XDisplayKeycodes, **268**, 269, 270
XDisplayMotionBufferSize, **241**
XDisplayName, **246**
XDisplayOfIM, **309**, 310
XDisplayOfOM, **279**
XDisplayOfScreen, **23**
XDisplayPlanes, 10, **14**
XDisplayString, **15**
XDisplayWidth, 10, **20**
XDisplayWidthMM, 10, **21**
XDoesBackingStore, **23**
XDoesSaveUnders, **23**
xDoSomethingReply, **447**
xDoSomethingReq, **446**, 449
XDraw, 462, **463**
XDrawArc, 132, **156**, 157
XDrawArcs, 15, **156**, 157
XDrawDashed, 462, 463
XDrawFilled, 462, **464**
XDrawImageString16, 176, **177**, 178
XDrawImageString, 173, **176**, 177, 178, 296
XDrawLine, 132, 147, **152**, 154
XDrawLines, 15, 152, **153**, 154, 462, 463
XDrawPatterned, 462, 463
XDrawPoint, 147, **151**, 152, 444
XDrawPoints, 15, 151, **152**
XDrawRectangle, 132, 147, **154**, 155
XDrawRectangles, 15, 154, **155**
XDrawSegments, 15, 132, 152, **153**, 154, 462
XDrawString16, **175**, 176
XDrawString, **175**, 176, 296
XDrawText16, 132, 173, **174**, 175
XDrawText, 132, **173**, 174, 175, 296
XDrawTiled, 462, 464
XEDataObject, 442
XEHeadOfExtensionList, **442**
XEmptyRegion, **404**
XEnableAccessControl, **196**
XEnterWindowEvent, **207**, 209, 210
XEqualRegion, **404**
XErrorEvent, 243, 439, 441
XESetBeforeFlush, **441**
XESetCloseDisplay, **433**, 434
XESetCopyGC, **434**, 435, 441
XESetCreateFont, **435**, 436
XESetCreateGC, **434**
XESetError, **439**
XESetErrorString, **440**
XESetEventToWire, 436, **438**
XESetFlushGC, **441**
XESetFreeFont, **436**
XESetFreeGC, **435**
XESetPrintErrorValues, **440**
XESetWireToError, **438**, 439, 441
XESetWireToEvent, 436, **437**
XEvent, **198**, 199, 234, 235, 236, 237, 238, 239, 240, 335, 436, 437
xEvent, 437
XEvent, 438
xEvent, 438

XEvent, 439, 441
XEventMaskOfScreen, **23**
XEventsQueued, 17, **233**
XExposeEvent, **215**
XExtCodes, **432**, 433, 454, 455
XExtData, **442**
XExtendedMaxRequestSize, **15**
XExtentsOfFontSet, 275, **292**, 293
XFetchBuffer, **406**
XFetchBytes, 405, **406**
XFetchName, **350**
XFillArc, 132, 147, **160**, 161
XFillArcs, 15, 133, **160**, 161
XFillPolygon, 15, 132, 133, **159**, 160
XFillRectangle, 132, 147, **158**, 159
XFillRectangles, 15, **158**, 159
XFilterEvent, **335**
XFindContext, **416**, 417
XFindOnExtensionList, **443**
XFlush, **232**
XFlushGC, **136**
XFocusChangeEvent, **211**
XFocusInEvent, **211**, 212, 213, 214
XFocusOutEvent, **211**, 212, 213, 214
XFontProp, **161**
XFontSet, 275, 277, 282, 286, 287, 288, 289, 290, 292, 293, 294, 296, 297, 298, 299, 324, 346, 468
XFontSetExtents, 291, **292**, 293
XFontsOfFontSet, **289**
XFontStruct, **161**, 163, 165, 166, 169, 170, 173, 285, 286, 289, 290, 291, 442
XFontStructs, 289
XFontStructSet, 286, 289
XForceScreenSaver, **191**, 192
XFree, 12, 18, **25**, 26, 30, 58, 65, 68, 188, 194, 242, 269, 277, 280, 312, 314, 316, 318, 345, 347, 350, 352, 354, 355, 359, 360, 362, 363, 364, 365, 371, 382, 406, 408, 413, 453
XFreeColormap, **87**, 227
XFreeColors, 86, **94**, 95
XFreeCursor, 39, **77**, 78
XFreeExtensionList, **432**
XFreeFont, 75, **166**, 436
XFreeFontInfo, 165, **168**
XFreeFontNames, **167**, 168
XFreeFontPath, **189**
XFreeFontSet, 286, 289, **290**, 291, 293
XFreeGC, **136**
XFreeModifiermap, **271**, 272
XFreePixmap, **73**, 74, 413, 416
XFreeStringList, 289, 346, **347**, 369
XGContextFromGC, **136**, 165
XGCValues, **127**, 135
xGenericReply, 448
XGeometry, **461**
XGetAtomName, **65**, 66
XGetAtomNames, **65**, 66
XGetClassHint, **360**
XGetCommand, **368**, 369
XGetDefault, **462**
XGetErrorDatabaseText, **246**, 275
XGetErrorText, **245**, 275, 440
XGetFontPath, **188**, 189
XGetFontProperty, **166**
XGetGCValues, **135**
XGetGeometry, **59**, 60
XGetIconName, **351**, 352
XGetIconSizes, **364**, 365
XGetICValues, 308, **317**, 318, 323
XGetImage, **180**, 181, 182, 409, 410, 411
XGetIMValues, 304, 306, 308, **309**, 311, 314, 315, 319, 321, 322
XGetInputFocus, **260**, 261
XGetKeyboardControl, **263**
XGetKeyboardMapping, **269**, 270
XGetModifierMapping, **272**
XGetMotionEvents, 204, **241**, 242
XGetNormalHints, **457**, 458, 459
XGetOCValues, 282, **283**, 284
XGetOMValues, **279**, 285
XGetPixel, **410**
XGetPointerControl, **266**, 267
XGetPointerMapping, **265**, 266
XGetRGBColormap, 460
XGetRGBColormaps, 324, **374**
XGetScreenSaver, **192**
XGetSelectionOwner, **71**, 72
XGetSizeHints, **459**
XGetStandardColormap, **460**
XGetSubImage, **181**, 182, 183
XGetTextProperty, **348**, 349, 351, 370
XGetTransientForHint, **361**
XGetVisualInfo, **407**, 408
XGetWindowAttributes, **58**, 59
xGetWindowAttributesReply, 451
XGetWindowProperty, **66**, 67, 68, 69, 229
XGetWMClientMachine, **369**, 370
XGetWMColormapWindows, **363**, 364
XGetWMHints, **354**
XGetWMIconName, **351**
XGetWMName, **349**
XGetWMNormalHints, **357**, 358, 457
XGetWMProtocols, **362**
XGetWMSizeHints, **358**, 359, 459
XGetZoomHints, **458**, 459
XGrabButton, 203, **251**, 252, 253, 257

XGrabKey, **255**, 256, 257
XGrabKeyboard, 214, 248, **253**, 254, 255, 256, 257
XGrabPointer, 207, 210, 248, **249**, 250, 251, 252, 257
XGrabServer, **189**
XGraphicsExposeEvent, 198, **216**, 217
XGravityEvent, **220**
XHeightMMOfScreen, **24**
XHeightOfScreen, **24**
XHostAddress, **193**
XIC, 275, 302, 304
XICCEncodingStyle, **344**
XIconifyWindow, **342**
XIconSize, 340, **364**
XID, **4**
XIfEvent, 234, **235**
XIM, 273, 275, 302, 335
XIMAbsolutePosition, 329, **333**
XImage, **178**, 180, 181, 182, 408, 409, 411
XImageByteOrder, **19**
XIMBackwardChar, **333**
XIMBackwardWord, **333**
XIMCallback, 313, 320, 321, **325**
XIMCaretDirection, 328, **333**
XIMCaretDown, **333**
XIMCaretStyle, **332**
XIMCaretUp, **333**
XIMDontChange, **333**
XIMFeedback, 314, 331
XIMForwardChar, **333**
XIMForwardWord, **333**
XIMHighlight, **332**
XIMHotKeyStateOFF, 323
XIMHotKeyStateON, 323
XIMHotKeyTriggers, 322
XIMInitialState, **322**
XIMLineEnd, **333**
XIMLineStart, 329, **333**
XIMNextLine, **333**
XIMOfIC, **316**, 317
XIMPreeditArea, 304, **312**, **313**, 323
XIMPreeditCallbacks, **312**, **313**, 325
XIMPreeditCaretCallbackStruct, **332**
XIMPreeditDisable, 325
XIMPreeditDrawCallbackStruct, 314, **330**
XIMPreeditEnable, **325**
XIMPreeditNone, **312**, **313**
XIMPreeditNothing, **312**, **313**
XIMPreeditPosition, **312**, **313**, 323, 324
XIMPreeditStateNotifyCallbackStruct, **327**
XIMPreeditUnknown, 325
XIMPreserveState, 322
XIMPreviousLine, **333**
XIMPrimary, **332**
XIMProc, **325**
XIMResetState, 322
XIMReverse, **332**
XIMSecondary, **332**
XIMStatusArea, 304, **312**, **313**, 323
XIMStatusCallbacks, **312**, **313**, 325
XIMStatusDataType, **334**
XIMStatusDrawCallbackStruct, **334**
XIMStatusNone, **312**, **313**
XIMStatusNothing, **312**, **313**
XIMStringConversionCallbackStruct, 328
XIMStringConversionOperation, 329
XIMStringConversionPosition, 328
XIMStringConversionRetrieval, 307, 328, 329
XIMStringConversionSubstitution, 307, 328, 329
XIMStringConversionText, 321, 328
XIMStyle, **312**
XIMStyles, 304, **312**
XIMTertiary, **332**
XIMText, 305, 314, 330, 331
XIMUnderline, **332**
XIMValuesList, 314
XIMVisibleCenter, 331, **332**
XIMVisibleToBackward, 331, **332**
XIMVisibleToForward, 331, **332**
XInitExtension, 432, **433**, 443, 454
XInitImage, **179**
XInitThreads, **28**
XINPreserveState, **322**
XInsertModifiermapEntry, **271**
XInstallColormap, 38, 53, 80, **186**, 187, 227
XInternalConnectionNumbers, **30**
XInternAtom, 62, **64**, 65
XInternAtoms, **65**
XIntersectRegion, **402**
XKeyboardControl, **261**, 263
XKeyboardState, **263**
XKeycodeToKeysym, **393**, 394
XKeyEvent, **204**
XKeymapEvent, **214**
XKeyPressedEvent, **204**, 206, 393, 397
XKeyReleasedEvent, **204**, 206, 393, 397
XKeysymToKeycode, **394**
XKeysymToString, **395**
XKillClient, **190**, 372
XLastKnownRequestProcessed, **16**
XLeaveWindowEvent, **207**, 209, 210
XLFD, **481**
XlibSpecificationRelease, **3**
XListDepths, **12**
XListExtensions, 431, **432**

XListFonts, **167**
XListFontsWithInfo, **167**, 168
XListHosts, **194**
XListInstalledColormaps, **187**, 188
XListPixmapFormats, **18**
XListProperties, **68**
XLoadFont, **164**, 165, 166
XLoadQueryFont, 161, **165**, 166, 168, 436
XLocaleNotSupported, 274, 344, 345
XLocaleOfFontSet, **290**
XLocaleOfIM, 275, **310**
XLocaleOfOM, 275, **279**
XLockDisplay, **28**, 29, 234
XLookUpAssoc, **466**
XLookupBoth, 336
XLookupChars, 336
XLookupColor, 83, **87**, 88
XLookupKeySym, 336
XLookupKeysym, **393**
XLookupNone, 336
XLookupString, **397**, 398
XLowerWindow, **50**, 51, 218, 225
XMakeAssoc, **465**, 466
Xmalloc, 453
XMapEvent, **221**
XMappingEvent, **221**
XMapRaised, **44**, 218, 220, 225
XMapRequestEvent, **226**
XMapSubwindows, **44**, 220, 225
XMapWindow, 33, 41, **43**, 44, 220, 225, 226
XMaskEvent, **237**
XMatchVisualInfo, 12, **408**
XMaxCmapsOfScreen, **24**
XMaxRequestSize, **15**
XmbDrawImageString, **298**, 299
XmbDrawString, 291, **297**, 298
XmbDrawText, 275, 296, **297**
XmbLookupString, 275, 303, 304, 305, 306, 308, **335**, 336, 337
XmbPerCharExtents, 292
XmbResetIC, 306, **316**, 322, 325
XmbSetWMProperties, 275, **365**, 366, 367
XmbTextEscapement, **293**, 294
XmbTextExtents, 275, 292, **293**, 294, 296, 297, 299
XmbTextItem, **296**
XmbTextListToTextProperty, 275, **344**
XmbTextPerCharExtents, 291, **294**, 295, 296, 297
XmbTextPropertyToTextList, 275, **345**, 346, 347, 382
XMinCmapsOfScreen, **25**
XModifierKeymap, **270**, 271, 272
XMotionEvent, **204**
XMoveResizeWindow, **49**, 50, 218, 220, 225, 226, 449
XMoveWindow, **48**, 218, 225, 449
XNArea, 304, 313, **323**, **338**, **339**
XNAreaNeeded, 304, 313, **323**, **338**, **339**
XNBackground, **324**, **338**, **339**
XNBackgroundPixmap, 324, 338
XNBaseFontName, 284, **339**
XNClientWindow, **320**, **338**
XNColormap, **324**, **338**, **339**
XNContextualDrawing, 281, **339**
XNCursor, 325, **338**, **339**
XNDefaultString, 285, **339**
XNDestroyCallback, 307, 313, 321, **338**
XNDirectionalDependentDrawing, 281, **339**
XNegative, 399
XNewModifiermap, **271**
XNextEvent, 2, 232, **233**, 234, 335
XNextRequest, **16**
XNFilterEvents, 304, 315, 317, **320**, **338**
XNFocusWindow, 313, **320**, 323, **338**
XNFontInfo, 285, **339**
XNFontSet, 304, **324**, **338**, **339**
XNForeground, **324**, **338**, **339**
XNGeometryCallback, **320**, **338**
XNHotKey, 322, **339**
XNHotKeyState, 323, **339**
XNInputStyle, 304, 319, 324, **338**
XNLineSpace, 324, **338**, **339**
XNLineSpacing, 304
XNMissingCharSet, 284, **339**
XNoExposeEvent, **216**
XNOMAutomatic, 286
XNoMemory, 344, 345
XNoOp, **25**
XNOrientation, 285, **339**
XNPreeditAttributes, **323**, **338**
XNPreeditCaretCallback, 313, **325**, **338**
XNPreeditDoneCallback, 313, **325**, **338**
XNPreeditDrawCallback, 313, **325**, **338**
XNPreeditStartCallback, 313, **325**, **338**
XNPreeditState., 308
XNPreeditState, 308, 322, 325, **339**
XNPreeditStateCallback, 308
XNPreeditStateNotifyCallback, **338**
XNQueryICValues, 306, 308, 321, 322
XNQueryICValuesList, 314, **339**
XNQueryIMValues, 314, 315
XNQueryIMValuesList, 314, **339**
XNQueryInputStyle, 319, **338**
XNQueryOrientation, 280, 285, 339
XNR6PreeditCallbackBehavior, 314, 315
XNRequiredCharSet, 280, **339**

XNResetState, 322, **339**
XNResourceClass, 285, 313, **320**, **338**
XNResourceName, 285, 313, **320**, **338**
XNSpotLocation, 313, **324**, **338**, **339**
XNStatusAttributes, **323**, **338**, **339**
XNStatusDoneCallback, 313, **325**, **338**, **339**
XNStatusDrawCallback, 313, **325**, **338**, **339**
XNStatusStartCallback, 313, **325**, **338**, **339**
XNStdColormap, **324**, **338**, **339**
XNStringConversion, 306, 321, **339**
XNStringConversionCallback, 306, 307, 321, **339**
XNStringConversionCallbackStruct, 328
XNStringCoonversionCallbackStruct, **328**
XNVaNestedList, **338**
XNVisiblePosition, 314
XOC, 277, 281, 282, 285, 286
XOffsetRegion, **402**
XOM, 273, 275, 277, 280, 286, 290
XOMCharSetList, **280**, 284
XOMFontInfo, 285, 286
XOMOfOC, **282**
XOMOrientation, 280
XOMOrientation_Context, 281, 285
XOMOrientation_LTR_TTB, 280, 281, 285
XOMOrientation_RTL_TTB, 281
XOMOrientation_TTB_LTR, 281
XOMOrientation_TTB_RTL, 281
XOpenDisplay, **8**, 9, 13, 15, 31, 197, 246, 382
XOpenIM, 275, 302, 307, **308**, 309
XOpenOM, 275, **277**, 278
XOrientation, 285
XParseColor, 83, **88**
XParseGeometry, **398**, 399, 400, 461
XPeekEvent, **234**
XPeekIfEvent, 234, **235**, 236
XPending, 232, **233**
Xpermalloc, **398**
XPixmapFormatValues, 18
XPlanesOfScreen, **25**
XPoint, **151**, 154, 324
XPointer, **4**, 276
XPointerMovedEvent, **204**, 206
XPointInRegion, **404**
XPolygonRegion, **401**
XProcessInternalConnection, **30**
XPropertyEvent, **228**
XProtocolRevision, **16**
XProtocolVersion, **16**
XPutBackEvent, **239**
XPutImage, 15, **179**, 180, 409, 415
XPutPixel, **410**
XQLength, **17**, 233
XQueryBestCursor, 74, **76**, 77
XQueryBestSize, **140**, 141
XQueryBestStipple, **142**
XQueryBestTile, **141**
XQueryColor, **98**
XQueryColors, **98**, 99
XQueryExtension, **431**, 432
XQueryFont, **165**, 166, 436
XQueryKeymap, **264**, 265
XQueryPointer, 60, **61**, 62, 204
XQueryTextExtents16, **171**, 172
XQueryTextExtents, **171**, 172, 178
XQueryTree, **57**, 58
XRaiseWindow, 2, **50**, 218, 225
XReadBitmapFile, **412**, 413
XReadBitmapFileData, **413**
XRebindKeysym, **397**, 398
XRecolorCursor, 74, **77**
XReconfigureWMWindow, **343**
XRectangle., 323
XRectangle, **151**, 292, 296, 323
XRectangles, 296
XRectInRegion, **404**, 405
XRefreshKeyboardMapping, 222, **394**, 397
XRegisterIMInstantiateCallback, 275, 307, **310**
XRemoveConnectionWatch, **29**
XRemoveFromSaveSet, **186**
XRemoveHost, **194**, 195
XRemoveHosts, **195**
XReparentEvent, **222**
XReparentWindow, **184**, 185, 220, 222
xReply, 450
xReq, 444, 447
XResetScreenSaver, **192**
XResizeRequestEvent, **226**
XResizeWindow, **49**, 218, 220, 225, 226
XResourceManagerString, **381**, 382
xResourceReq, **447**
XRestackWindows, **52**, 53, 218, 225
XrmBindingList, 380
XrmBindLoosely, 380
XrmBindTightly, 380
XrmCombineDatabase, **384**
XrmCombineFileDatabase, **383**, 384
XrmDatabase, 275, **380**
XrmDestroyDatabase, **383**
XrmEnumAllLevels, 389, 390
XrmEnumerateDatabase, **389**, 390
XrmEnumOneLevel, 389, 390
XrmGetDatabase, **383**
XrmGetFileDatabase, 275, **381**, 382
XrmGetResource, **385**, 386, 387
XrmGetStringDatabase, 275, **382**
XrmInitialize, **381**

XrmLocaleOfDatabase, 275, **382**, 383
XrmMergeDatabases, **384**, 385
XrmOptionDescRec.value, 391
XrmOptionDescRec, **391**
XrmOptionKind, **390**
XrmoptionNoArg, 392
XrmoptionSkipArg, 391
XrmoptionSkipNArgs, 391
XrmParseCommand, 390, **391**
XrmPermStringToQuark, **378**, 379
XrmPutFileDatabase, 275, **381**
XrmPutLineResource, **389**
XrmPutResource, 385, **387**
XrmPutStringResource, **388**
XrmQGetResource, **385**, 387
XrmQGetSearchList, **386**, 387
XrmQGetSearchResource, 385, **386**, 387
XrmQPutResource, 385, 387, **388**, 389
XrmQPutStringResource, **388**, 389
XrmQuark, 378
XrmQuarkToString, **379**
XrmSetDatabase, **383**, 462
XrmStringToBindingQuarkList, **380**, 387, 388
XrmStringToQuark, **378**, 379
XrmStringToQuarkList, **379**, 380
XrmUniqueQuark, **378**
XrmValue, 380, **381**, 389
XRootWindow, **17**
XRootWindowOfScreen, **25**
XRotateBuffers, **406**, 407
XRotateWindowProperties, **70**, 228, 229
XSaveContext, **416**, 417
XScreenCount, **17**
XScreenNumberOfScreen, **23**
XScreenOfDisplay, **13**
XScreenResourceString, **382**
XSegment, **151**, 154
XSelectInput, **231**, 232
XSelectionClearEvent, **229**
XSelectionEvent, **230**
XSelectionRequestEvent, **229**
XSendEvent, 227, 230, **239**, 240
XServerVendor, **17**
XSetAccessControl, **195**, 196
XSetAfterFunction, **242**
XSetArcMode, **145**, 146
XSetBackground, **137**, 138, 449
XSetClassHint, **359**, 360, 368
XSetClipMask, **144**, 145
XSetClipOrigin, **144**
XSetClipRectangles, 15, 133, 135, **144**, 145
XSetCloseDownMode, **26**, 27, 374
XSetCommand, 367, **368**
XSetDashes, 133, 135, **139**, 140
XSetErrorHandler, **243**
XSetFillRule, **140**
XSetFillStyle, **140**
XSetFont, **143**
XSetFontPath, 167, **188**
XSetForeground, 127, **137**
XSetFunction, **138**
XSetGraphicsExposures, **146**, 216
XSetICFocus, 303, **315**, 316
XSetIconName, **351**
XSetIconSizes, **364**
XSetICValue, 307
XSetICValues, 308, **317**, 318, 320, 323
XSetIMValue, 307
XSetIMValues, **309**, 311
XSetInputFocus, **259**, 260
XSetIOErrorHandler, **246**, 247
XSetLineAttributes, 127, **138**, 139
XSetLocaleModifiers, **274**, 275, 276, 278, 308
XSetModifierMapping, 221, **272**
XSetNormalHints, **457**, 459
XSetOCValues, 282, **283**
XSetOMValues, **278**, 279
XSetPlaneMask, **138**
XSetPointerMapping, 221, **265**
XSetRegion, 15, 133, **401**
XSetRGBColormap, 460
XSetRGBColormaps, **373**, 374
XSetScreenSaver, **190**, 191
XSetSelectionOwner, 27, **71**, 229
XSetSizeHints, **459**
XSetStandardColormap, **460**
XSetStandardProperties, **456**, 457
XSetState, **137**
XSetStipple, **142**, 143
XSetSubwindowMode, **146**
XSetTextProperty, **348**, 349, 351, 369
XSetTile, **142**
XSetTransientForHint, **360**, 361
XSetTSOrigin, **143**
XSetWindowAttributes, **33**, 53, 227, 231
XSetWindowBackground, **54**, 55
XSetWindowBackgroundPixmap, **54**, 55
XSetWindowBorder, **55**
XSetWindowBorderPixmap, **55**
XSetWindowBorderWidth, **50**, 218, 225
XSetWindowColormap, **55**, 56, 87, 187, 227
XSetWMClientMachine, 366, 367, **369**
XSetWMColormapWindows, **363**
XSetWMHints, **354**, 365, 366, 368
XSetWMIconName, **350**, 351, 367
XSetWMName, **349**, 367

XSetWMNormalHints, **357**, 358, 366, 368, 457
XSetWMProperties, **367**, 368, 456
XSetWMProtocols, **361**, 362
XSetWMSizeHints, **358**, 459
XSetZoomHints, **458**, 459
XShrinkRegion, **402**
XSizeHints, 340, 354, **355**, 357, 358, 400, 457, 459
XStandardColormap, **371**, 372, 373, 374, 456, 460
XStdICCTextStyle, 344
XStoreBuffer, **405**, 406
XStoreBytes, **405**
XStoreColor, 94, **95**, 96, 97
XStoreColors, 94, **96**, 97, 374
XStoreName, **349**, 350
XStoreNamedColor, 83, 94, **97**, 98
XStringListToTextProperty, **346**, 347
XStringStyle, 344, 345
XStringToKeysym, **395**
XSubImage, **410**, 411
XSubtractRegion, **403**
XSupportsLocale, **274**, 275, 345
XSync, 2, 3, 26, **232**
XSynchronize, **242**, 452
XTextExtents16, **170**, 172
XTextExtents, **169**, 170, 172
XTextItem16, **173**
XTextItem, **173**
XTextProperty, **343**, 344, 345, 346, 347, 348, 349, 350, 351, 369
XTextPropertyToStringList, **347**
XTextStyle, 344
XTextWidth16, **169**
XTextWidth, **169**
XTimeCoord, **241**
XTranslateCoordinates, **60**, 61
XUndefineCursor, **56**
XUngrabButton, **253**
XUngrabKey, **256**
XUngrabKeyboard, 27, **254**, 255
XUngrabPointer, 27, 203, 207, **250**, 251
XUngrabServer, 27, **189**, 190
XUninstallColormap, 80, 87, 186, **187**, 227
XUnionRectWithRegion, **403**
XUnionRegion, **403**
XUniqueContext, **417**
XUnloadFont, 165, **166**, 168
XUnlockDisplay, **28**
XUnmapEvent, **223**
XUnmapSubwindows, **45**
XUnmapWindow, **44**, 45
XUnregisterIMInstantiateCallback, 275, 307, **311**
XUnsetICFocus, 303, 315, **316**
XVaCreateNestedList, 277
XValue, 399
XVaNestedList, 276, 318
XVendorRelease, **18**
XVisibilityEvent, **223**, 224
XVisualIDFromVisual, **32**
XVisualInfo, 31, **407**
XWarpPointer, **259**
XWatchProc, **29**
XwcDrawImageString, **298**, 299
XwcDrawString, **297**, 298
XwcDrawText, 275, 296, **297**
XwcFreeStringList, **346**
XwcLookupString, 275, 303, 304, 305, 306, 308, **335**, 336, 337
XwcPerCharExtents, 292
XwcResetIC, 306, 316, 322, 325
XwcTextEscapement, **293**, 294
XwcTextExtents, 275, 292, **293**, 294, 296, 297, 299
XwcTextItem, **296**
XwcTextListToTextProperty, 275, **344**
XwcTextPerCharExtents, 291, **294**, 295, 296, 297
XwcTextPropertyToTextList, 275, **345**, 346
XWhitePixel, **11**
XWhitePixelOfScreen, **21**
XWidthMMOfScreen, **24**
XWidthOfScreen, **24**
XWindowAttributes, **58**
XWindowChanges, **45**, 47, 48, 343
XWindowEvent, 2, 232, **236**
XWithdrawWindow, **342**, 343
XWMGeometry, **399**, 400, 461
XWMHints, 340, **352**, 354, 365, 367
XWriteBitmapFile, **413**, 414, 415
XXorRegion, **403**
XY format, **481**
XYBitmap, 180, 409
XYPixmap, 180, 181, 182, 409
X_CopyArea, 216
X_CopyPlane, 216
X_MapWindow, 449

Y

YNegative, 399
YSorted, 144, 145
YValue, 399
YXBanded, 144, 145

YXSorted, 144, 145

Z

Z format, **481**
ZPixmap, 180, 181, 182, 409

_

_XAllocScratch, **453**
_XAllocTemp, **453**, 454
_Xdebug, 242
_XFlushGCCache, **444**
_XFreeTemp, **453**
_XRead16, 451
_XRead16Pad, 452
_XRead32, 452
_XRead, 451, 453
_XReadPad, 452
_XReply, 439, 440, **450**, 451, 453
_XSend, 449, 450, 453
_XSetLastRequestRead, 437, **438**