PROTOCOL VS. CLX FUNCTIONAL CROSS-REFERENCE LISTING

X11 Request Name	CLX Function Name
AllocColor	**alloc-color**
AllocColorCells	**alloc-color-cells**
AllocColorPlanes	**alloc-color-planes**
AllocNamedColor	**alloc-color**
AllowEvents	**allow-events**
Bell	**bell**
ChangeAccessControl	(**setf** (**access-control** *display*)
ChangeActivePointerGrab	**change-active-pointer-grab**
ChangeCloseDownMode	(**setf** (**close-down-mode** *display*))
ChangeGC	**force-gcontext-changes** (See **with-gcontext**) (**setf** (**gcontext-function** *gc*)) (**setf** (**gcontext-plane-mask** *gc*)) (**setf** (**gcontext-foreground** *gc*)) (**setf** (**gcontext-background** *gc*)) (**setf** (**gcontext-line-width** *gc*)) (**setf** (**gcontext-line-style** *gc*)) (**setf** (**gcontext-cap-style** *gc*)) (**setf** (**gcontext-join-style** *gc*)) (**setf** (**gcontext-fill-style** *gc*)) (**setf** (**gcontext-fill-rule** *gc*)) (**setf** (**gcontext-tile** *gc*)) (**setf** (**gcontext-stipple** *gc*)) (**setf** (**gcontext-ts-x** *gc*)) (**setf** (**gcontext-ts-y** *gc*)) (**setf** (**gcontext-font** *gc* &optional **metrics-p**)) (**setf** (**gcontext-subwindow-mode** *gc*)) (**setf** (**gcontext-exposures** *gc*))) (**setf** (**gcontext-clip-x** *gc*)) (**setf** (**gcontext-clip-y** *gc*)) (**setf** (**gcontext-clip-mask** *gc* &optional **ordering**)) (**setf** (**gcontext-dash-offset** *gc*)) (**setf** (**gcontext-dashes** *gc*)) (**setf** (**gcontext-arc-mode** *gc*)) (**setf** (**gcontext-clip-ordering** *gc*))

X11 Request Name	CLX Function Name
ChangeHosts	**add-access-host**
ChangeHosts	**remove-access-host**
ChangeKeyboardControl	**change-keyboard-control**
ChangePointerControl	**change-pointer-control**
ChangeProperty	**change-property**
ChangeSaveSet	**remove-from-save-set**
ChangeSaveSet	**add-to-save-set**
ChangeWindowAttributes	(See **with-state**) (**setf** (**window-background** *window*)) (**setf** (**window-border** *window*)) (**setf** (**window-bit-gravity** *window*)) (**setf** (**window-gravity** *window*)) (**setf** (**window-backing-store** *window*)) (**setf** (**window-backing-planes** *window*)) (**setf** (**window-backing-pixel** *window*)) (**setf** (**window-override-redirect** *window*) **(setf (window-save-under** *window*)**)** (**setf** (**window-colormap** *window*)) (**setf** (**window-cursor** *window*)) (**setf** (**window-event-mask** *window*)) (**setf** (**window-do-not-propagate-mask** *window*))
CirculateWindow	**circulate-window-down**
CirculateWindow	**circulate-window-up**
ClearToBackground	**clear-area**
CloseFont	**close-font**
ConfigureWindow	(See **with-state**) (**setf** (**drawable-x** *drawable*)) (**setf** (**drawable-y** *drawable*)) (**setf** (**drawable-width** *drawable*)) (**setf** (**drawable-height** *drawable*)) (**setf** (**drawable-depth** *drawable*)) (**setf** (**drawable-border-width** *drawable*)) (**setf** (**window-priority** *window* &optional **sibling**))
ConvertSelection	**convert-selection**
CopyArea	**copy-area**
CopyColormapAndFree	**copy-colormap-and-free**
CopyGC	**copy-gcontext**
CopyGC	**copy-gcontext-components**
CopyPlane	**copy-plane**
CreateColormap	**create-colormap**
CreateCursor	**create-cursor**
CreateGC	**create-gcontext**
CreateGlyphCursor	**create-glyph-cursor**
CreatePixmap	**create-pixmap**
CreateWindow	**create-window**
DeleteProperty	**delete-property**
DestroySubwindows	**destroy-subwindows**
DestroyWindow	**destroy-window**
FillPoly	**draw-lines**
ForceScreenSaver	**reset-screen-saver**
ForceScreenSaver	**activate-screen-saver**
FreeColormap	**free-colormap**
FreeColors	**free-colors**
FreeCursor	**free-cursor**

X11 Request Name	CLX Function Name
FreeGC	**free-gcontext**
FreePixmap	**free-pixmap**
GetAtomName	**atom-name**
GetFontPath	**font-path**
GetGeometry	(See **with-state**)
	drawable-root
	drawable-x
	drawable-y
	drawable-width
	drawable-height
	drawable-depth
	drawable-border-width
GetImage	**get-raw-image**
GetInputFocus	**input-focus**
GetKeyboardControl	**keyboard-control**
GetKeyboardMapping	**keyboard-mapping**
GetModifierMapping	**modifier-mapping**
GetMotionEvents	**motion-events**
GetPointerControl	**pointer-control**
GetPointerMapping	**pointer-mapping**
GetProperty	**get-property**
GetScreenSaver	**screen-saver**
GetSelectionOwner	**selection-owner**
GetWindowAttributes	(See **with-state**)
	window-visual
	window-class
	window-bit-gravity
	window-gravity
	window-backing-store
	window-backing-planes
	window-backing-pixel
	window-save-under
	window-override-redirect
	window-event-mask
	window-do-not-propagate-mask
	window-colormap
	window-colormap-installed-p
	window-all-event-masks
	window-map-state
GrabButton	**grab-button**
GrabKey	**grab-key**
GrabKeyboard	**grab-keyboard**
GrabPointer	**grab-pointer**
GrabServer	**grab-server**
ImageText16	**draw-image-glyphs**
ImageText16	**draw-image-glyph**
ImageText8	**draw-image-glyphs**
InstallColormap	**install-colormap**
InternAtom	**find-atom**
InternAtom	**intern-atom**
KillClient	**kill-temporary-clients**
KillClient	**kill-client**
ListExtensions	**list-extensions**
ListFonts	**list-font-names**
ListFontsWithInfo	**list-fonts**
ListHosts	**access-control**

X11 Request Name	CLX Function Name
ListHosts	**access-hosts**
ListInstalledColormaps	**installed-colormaps**
ListProperties	**list-properties**
LookupColor	**lookup-color**
MapSubwindows	**map-subwindows**
MapWindow	**map-window**
OpenFont	**open-font**
PolyArc	**draw-arc**
PolyArc	**draw-arcs**
PolyFillArc	**draw-arc**
PolyFillArc	**draw-arcs**
PolyFillRectangle	**draw-rectangle**
PolyFillRectangle	**draw-rectangles**
PolyLine	**draw-line**
PolyLine	**draw-lines**
PolyPoint	**draw-point**
PolyPoint	**draw-points**
PolyRectangle	**draw-rectangle**
PolyRectangle	**draw-rectangles**
PolySegment	**draw-segments**
PolyText16	**draw-glyph**
PolyText16	**draw-glyphs**
PolyText8	**draw-glyphs**
PutImage	**put-raw-image**
QueryBestSize	**query-best-cursor**
QueryBestSize	**query-best-stipple**
QueryBestSize	**query-best-tile**
QueryColors	**query-colors**
QueryExtension	**query-extension**
QueryFont	**font-name**
	font-name
	font-direction
	font-min-char
	font-max-char
	font-min-byte1
	font-max-byte1
	font-min-byte2
	font-max-byte2
	font-all-chars-exist-p
	font-default-char
	font-ascent
	font-descent
	font-properties
	font-property
	char-left-bearing
	char-right-bearing
	char-width
	char-ascent
	char-descent
	char-attributes
	min-char-left-bearing
	min-char-right-bearing
	min-char-width
	min-char-ascent
	min-char-descent
	min-char-attributes

X11 Request Name	CLX Function Name
	max-char-left-bearing
	max-char-right-bearing
	max-char-width
	max-char-ascent
	max-char-descent
	max-char-attributes
QueryKeymap	**query-keymap**
QueryPointer	**global-pointer-position**
QueryPointer	**pointer-position**
QueryPointer	**query-pointer**
QueryTextExtents	**text-extents**
QueryTextExtents	**text-width**
QueryTree	**query-tree**
RecolorCursor	**recolor-cursor**
ReparentWindow	**reparent-window**
RotateProperties	**rotate-properties**
SendEvent	**send-event**
SetClipRectangles	**force-gcontext-changes**
	(See **with-gcontext**)
	(**setf** (**gcontext-clip-x** *gc*))
	(**setf** (**gcontext-clip-y** *gc*))
	(**setf** (**gcontext-clip-mask** *gc* &optional **ordering**))
	(**setf** (**gcontext-clip-ordering** *gc*))
SetDashes	**force-gcontext-changes**
	(See **with-gcontext**)
	(**setf** (**gcontext-dash-offset** *gc*))
	(**setf** (**gcontext-dashes** *gc*))
SetFontPath	(**setf** (**font-path** *font*)
SetInputFocus	**set-input-focus**
SetKeyboardMapping	**change-keyboard-mapping**
SetModifierMapping	**set-modifier-mapping**
SetPointerMapping	**set-pointer-mapping**
SetScreenSaver	**set-screen-saver**
SetSelectionOwner	**set-selection-owner**
StoreColors	**store-color**
StoreColors	**store-colors**
StoreNamedColor	**store-color**
StoreNamedColor	**store-colors**
TranslateCoords	**translate-coordinates**
UngrabButton	**ungrab-button**
UngrabKey	**ungrab-key**
UngrabKeyboard	**ungrab-keyboard**
UngrabPointer	**ungrab-pointer**
UngrabServer	**ungrab-server**
UninstallColormap	**uninstall-colormap**
UnmapSubwindows	**unmap-subwindows**
UnmapWindow	**unmap-window**
WarpPointer	**warp-pointer**
WarpPointer	**warp-pointer-if-inside**
WarpPointer	**warp-pointer-relative**
WarpPointer	**warp-pointer-relative-if-inside**
ListHosts	**access-control**
ListHosts	**access-hosts**
ForceScreenSaver	**activate-screen-saver**
ChangeHosts	**add-access-host**

X11 Request Name	CLX Function Name
ChangeSaveSet	**add-to-save-set**
AllocColor	**alloc-color**
AllocNamedColor	**alloc-color**
AllocColorCells	**alloc-color-cells**
AllocColorPlanes	**alloc-color-planes**
AllowEvents	**allow-events**
GetAtomName	**atom-name**
Bell	**bell**
ChangeActivePointerGrab	**change-active-pointer-grab**
ChangeKeyboardControl	**change-keyboard-control**
SetKeyboardMapping	**change-keyboard-mapping**
ChangePointerControl	**change-pointer-control**
ChangeProperty	**change-property**
QueryFont	**char-ascent**
QueryFont	**char-attributes**
QueryFont	**char-descent**
QueryFont	**char-left-bearing**
QueryFont	**char-right-bearing**
QueryFont	**char-width**
CirculateWindow	**circulate-window-down**
CirculateWindow	**circulate-window-up**
ClearToBackground	**clear-area**
CloseFont	**close-font**
ConvertSelection	**convert-selection**
CopyArea	**copy-area**
CopyColormapAndFree	**copy-colormap-and-free**
CopyGC	**copy-gcontext**
CopyGC	**copy-gcontext-components**
CopyPlane	**copy-plane**
CreateColormap	**create-colormap**
CreateCursor	**create-cursor**
CreateGC	**create-gcontext**
CreateGlyphCursor	**create-glyph-cursor**
CreatePixmap	**create-pixmap**
CreateWindow	**create-window**
DeleteProperty	**delete-property**
DestroySubwindows	**destroy-subwindows**
DestroyWindow	**destroy-window**
PolyArc	**draw-arc**
PolyArc	**draw-arcs**
PolyText16	**draw-glyph**
PolyText16	**draw-glyphs**
PolyText8	**draw-glyphs**
ImageText16	**draw-image-glyph**
ImageText16	**draw-image-glyphs**
ImageText8	**draw-image-glyphs**
PolyLine	**draw-line**
PolyLine	**draw-lines**
PolyPoint	**draw-point**
PolyPoint	**draw-points**
PolyFillRectangle	**draw-rectangle**
PolyRectangle	**draw-rectangle**
PolyFillRectangle	**draw-rectangles**
PolyRectangle	**draw-rectangles**
PolySegment	**draw-segments**
GetGeometry	**drawable-border-width**

X11 Request Name	CLX Function Name
GetGeometry	**drawable-depth**
GetGeometry	**drawable-height**
GetGeometry	**drawable-root**
GetGeometry	**drawable-width**
GetGeometry	**drawable-x**
GetGeometry	**drawable-y**
FillPoly	**fill-polygon**
InternAtom	**find-atom**
QueryFont	**font-all-chars-exist-p**
QueryFont	**font-ascent**
QueryFont	**font-default-char**
QueryFont	**font-descent**
QueryFont	**font-direction**
QueryFont	**font-max-byte1**
QueryFont	**font-max-byte2**
QueryFont	**font-max-char**
QueryFont	**font-min-byte1**
QueryFont	**font-min-byte2**
QueryFont	**font-min-char**
QueryFont	**font-name**
QueryFont	**font-name**
GetFontPath	**font-path**
QueryFont	**font-properties**
QueryFont	**font-property**
ChangeGC	**force-gcontext-changes**
SetClipRectangles	**force-gcontext-changes**
SetDashes	**force-gcontext-changes**
FreeColormap	**free-colormap**
FreeColors	**free-colors**
FreeCursor	**free-cursor**
FreeGC	**free-gcontext**
FreePixmap	**free-pixmap**
GetProperty	**get-property**
GetImage	**get-raw-image**
QueryPointer	**global-pointer-position**
GrabButton	**grab-button**
GrabKey	**grab-key**
GrabKeyboard	**grab-keyboard**
GrabPointer	**grab-pointer**
GrabServer	**grab-server**
GrabServer	**with-server-grabbed**
GetInputFocus	**input-focus**
InstallColormap	**install-colormap**
ListInstalledColormaps	**installed-colormaps**
InternAtom	**intern-atom**
GetKeyboardControl	**keyboard-control**
GetKeyboardMapping	**keyboard-mapping**
KillClient	**kill-client**
KillClient	**kill-temporary-clients**
ListExtensions	**list-extensions**
ListFonts	**list-font-names**
ListFontsWithInfo	**list-fonts**
ListProperties	**list-properties**
LookupColor	**lookup-color**
MapSubwindows	**map-subwindows**
MapWindow	**map-window**

X11 Request Name	CLX Function Name
QueryFont	**max-char-ascent**
QueryFont	**max-char-attributes**
QueryFont	**max-char-descent**
QueryFont	**max-char-left-bearing**
QueryFont	**max-char-right-bearing**
QueryFont	**max-char-width**
QueryFont	**min-char-ascent**
QueryFont	**min-char-attributes**
QueryFont	**min-char-descent**
QueryFont	**min-char-left-bearing**
QueryFont	**min-char-right-bearing**
QueryFont	**min-char-width**
GetModifierMapping	**modifier-mapping**
GetMotionEvents	**motion-events**
OpenFont	**open-font**
GetPointerControl	**pointer-control**
GetPointerMapping	**pointer-mapping**
QueryPointer	**pointer-position**
PutImage	**put-raw-image**
QueryBestSize	**query-best-cursor**
QueryBestSize	**query-best-stipple**
QueryBestSize	**query-best-tile**
QueryColors	**query-colors**
QueryExtension	**query-extension**
QueryKeymap	**query-keymap**
QueryPointer	**query-pointer**
QueryTree	**query-tree**
RecolorCursor	**recolor-cursor**
ChangeHosts	**remove-access-host**
ChangeSaveSet	**remove-from-save-set**
ReparentWindow	**reparent-window**
ForceScreenSaver	**reset-screen-saver**
RotateProperties	**rotate-properties**
GetScreenSaver	**screen-saver**
GetSelectionOwner	**selection-owner**
SendEvent	**send-event**
ChangeAccessControl	**set-access-control**
ChangeCloseDownMode	**set-close-down-mode**
SetInputFocus	**set-input-focus**
SetModifierMapping	**set-modifier-mapping**
SetPointerMapping	**set-pointer-mapping**
SetScreenSaver	**set-screen-saver**
SetSelectionOwner	**set-selection-owner**
StoreColors	**store-color**
StoreColors	**store-colors**
StoreNamedColor	**store-color**
StoreNamedColor	**store-colors**
QueryTextExtents	**text-extents**
QueryTextExtents	**text-width**
TranslateCoords	**translate-coordinates**
UngrabButton	**ungrab-button**
UngrabKey	**ungrab-key**
UngrabKeyboard	**ungrab-keyboard**
UngrabPointer	**ungrab-pointer**
UngrabServer	**ungrab-server**
UngrabServer	**with-server-grabbed**

X11 Request Name	CLX Function Name
UninstallColormap	**uninstall-colormap**
UnmapSubwindows	**unmap-subwindows**
UnmapWindow	**unmap-window**
WarpPointer	**warp-pointer**
WarpPointer	**warp-pointer-if-inside**
WarpPointer	**warp-pointer-relative**
WarpPointer	**warp-pointer-relative-if-inside**
GetWindowAttributes	**window-all-event-masks**
GetWindowAttributes	**window-backing-pixel**
GetWindowAttributes	**window-backing-planes**
GetWindowAttributes	**window-backing-store**
GetWindowAttributes	**window-bit-gravity**
GetWindowAttributes	**window-class**
GetWindowAttributes	**window-colormap**
GetWindowAttributes	**window-colormap-installed-p**
GetWindowAttributes	**window-do-not-propagate-mask**
GetWindowAttributes	**window-event-mask**
GetWindowAttributes	**window-gravity**
GetWindowAttributes	**window-map-state**
GetWindowAttributes	**window-override-redirect**
GetWindowAttributes	**window-save-under**
GetWindowAttributes	**window-visual**
ConfigureWindow	(**setf** (**drawable-border-width** *drawable*))
ConfigureWindow	(**setf** (**drawable-depth** *drawable*))
ConfigureWindow	(**setf** (**drawable-height** *drawable*))
ConfigureWindow	(**setf** (**drawable-width** *drawable*))
ConfigureWindow	(**setf** (**drawable-x** *drawable*))
ConfigureWindow	(**setf** (**drawable-y** *drawable*))
SetFontPath	(**setf** (**font-path** *font*) **paths**)
ChangeGC	(**setf** (**gcontext-arc-mode** *gc*))
ChangeGC	(**setf** (**gcontext-background** *gc*))
ChangeGC	(**setf** (**gcontext-cap-style** *gc*))
SetClipRectangles	(**setf** (**gcontext-clip-mask** *gc* &optional **ordering**))
SetClipRectangles	(**setf** (**gcontext-clip-ordering** *gc*))
SetClipRectangles	(**setf** (**gcontext-clip-x** *gc*))
SetClipRectangles	(**setf** (**gcontext-clip-y** *gc*))
SetDashes	(**setf** (**gcontext-dash-offset** *gc*))
SetDashes	(**setf** (**gcontext-dashes** *gc*))
ChangeGC	(**setf** (**gcontext-exposures** *gc*))
ChangeGC	(**setf** (**gcontext-fill-rule** *gc*) **keyword**)
ChangeGC	(**setf** (**gcontext-fill-style** *gc*) **keyword**)
ChangeGC	(**setf** (**gcontext-font** *gc* &optional **metrics-p**)
ChangeGC	(**setf** (**gcontext-foreground** *gc*) **card32**)
ChangeGC	(**setf** (**gcontext-function** *gc*))
ChangeGC	(**setf** (**gcontext-join-style** *gc*) **keyword**)
ChangeGC	(**setf** (**gcontext-line-style** *gc*) **keyword**)
ChangeGC	(**setf** (**gcontext-line-width** *gc*) **card16**)
ChangeGC	(**setf** (**gcontext-plane-mask** *gc*) **card32**)
ChangeGC	(**setf** (**gcontext-stipple** *gc*) **pixmap**)
ChangeGC	(**setf** (**gcontext-subwindow-mode** *gc*))
ChangeGC	(**setf** (**gcontext-tile** *gc*))
ChangeGC	(**setf** (**gcontext-ts-x** *gc*))
ChangeGC	(**setf** (**gcontext-ts-y** *gc*))
ChangeWindowAttributes	(**setf** (**window-background** *window*))

X11 Request Name	CLX Function Name
ChangeWindowAttributes	(**setf** (**window-backing-pixel** *window*))
ChangeWindowAttributes	(**setf** (**window-backing-planes** *window*))
ChangeWindowAttributes	(**setf** (**window-backing-store** *window*))
ChangeWindowAttributes	(**setf** (**window-bit-gravity** *window*))
ChangeWindowAttributes	(**setf** (**window-border** *window*))
ChangeWindowAttributes	(**setf** (**window-colormap** *window*))
ChangeWindowAttributes	(**setf** (**window-cursor** *window*))
ChangeWindowAttributes	(**setf** (**window-do-not-propagate-mask** *window*))
ChangeWindowAttributes	(**setf** (**window-event-mask** *window*))
ChangeWindowAttributes	(**setf** (**window-gravity** *window*))
ChangeWindowAttributes	(**setf** (**window-override-redirect** *window*))
ConfigureWindow	(**setf** (**window-priority** *window* &optional **sibling**))
ChangeWindowAttributes	(**setf** (**window-save-under** *window*))