API Documentation

API Documentation

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1 Module xformslib.library

xforms-python Python wrapper for XForms (X11) GUI C toolkit library using ctypes

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See CREDITS file to read XForms, ctypes and other acknowledgements and thanks.

Version: 0.3.1_1.0.93pre1

1.1 Functions

get_xforms_version()

Return version string of installed XForms library/header

verify_version_compatibility()

verify compatibility between xforms-python version and XForms version

warn_deprecated_function(*altfunc*='')

Warns the user when a function is deprecated and should not be used anymore. If a param is provided it may advide the user about an alternative function.

func_do_nothing_placeholder(*cfunction*)

Print a warning if called function doesn't exist

keep_cfunc_refs(**cfunclist*)

Adds a reference for _cfunc_refs list of values

keep_elem_refs(**elemlist*)

Adds a reference for _elem_refs list of values

load_so_libforms()

Load libforms.so else raise an error -> library instance

load_so_libflimage()

Load libflimage.so else raise an error -> library instance

load_so_libformsgl()

Load libformsGL.so else raise an error -> library instance

load_so_libx11()

Load libX11.so.6 else raise an error -> library instance

cfuncproto(*library*, *cfuncname*, *retval*, *arglist*, *doc=''*)

Prototype for C function to be wrapped in python

convert_to_string(*paramname*)

Converts paramname to python str and to ctypes c_char_p

convert_to_int(*paramname*)

Converts paramname to python int and to ctypes c_int

convert_to_FL_Coord(*paramname*)

Converts paramname to python int and to ctypes c_int

convert_to_uint(*paramname*)

Converts paramname to python int and to ctypes c_uint

convert_to_long(*paramname*)

Converts paramname to python long and to ctypes c_long

convert_to_ulong(*paramname*)

Converts paramname to python long and to ctypes c_ulong

convert_to_FL_COLOR(*paramname*)

Converts paramname to python long and to ctypes c_ulong

convert_to_Window(*paramname*)

Converts paramname to python long and to ctypes c_ulong

convert_to_Pixmap(*paramname*)

Converts paramname to python long and to ctypes c_ulong

convert_to_double(*paramname*)

Converts paramname to python float and to ctypes c_double

convert_to_float(*paramname*)

Converts paramname to python float and to ctypes c_float

convert_to_ubyte(*paramname*)

Converts paramname to ctypes c_ubyte

make_int_and_pointer()

Makes a ctypes c_int and its pointer, and returns both

make_FL_Coord_and_pointer()

Makes a ctypes c_int and its pointer, and returns both

make_uint_and_pointer()

Makes a ctypes c_uint and its pointer, and returns both

make_long_and_pointer()

Makes a ctypes c_long and its pointer, and returns both

make_ulong_and_pointer()

Makes a ctypes c_ulong and its pointer, and returns both

make_float_and_pointer()

Makes a ctypes c_float and its pointer, and returns both

make_double_and_pointer()

Makes a ctypes c_double and its pointer, and returns both

check_admitted_listvalues(*paramname*, **valueslist*)

Check if paramname value is valid in accordance to a list of admissible values.

FL_IS_UPBOX(*t*)

FL_IS_DOWNBOX(*t*)

FL_TO_DOWNBOX(*t*)

special_style(*a*)

fl_object_returned(*pObject*)

fl_add_io_callback(*fd*, *mask*, *py_callback*, *data*)

```
Registers an input callback function when input is available from fd.
<fd> : a valid file descriptor in a unix system
<mask> : under what circumstance the input callback should be invoked
         (FL_READ, FL_WRITE or FL_EXCEPT)
<py_callback> : python function to be invoked under mask condition
<data> : argument to be passed to function
```

fl_remove_io_callback(*fd*, *mask*, *py_cb*)

```
Removes the registered callback function when input is available from fd.
<fd> : a valid file descriptor in a unix system
<mask> : under what circumstance the input callback should be removed
         (FL_READ, FL_WRITE, FL_EXCEPT)
<py_cb> : python function to be invoked under mask condition
```

fl_add_signal_callback(*sglnum*, *py_cb*, *data*)

```
Handles the receipt of a signal by registering a callback function
 that gets called when a signal is caught (only 1 function per signal)
<sglnum> : signal number (e.g. signal.SIGALRM, signal.SIGINT, etc.)
<py_cb> : python function to be invoked after catching the signal
<data> : argument to be passed to function
```

fl_remove_signal_callback(*sglnum*)

Removes a previously registered callback function related to a signal <sglnum> : signal number (e.g. signal.SIGALRM, signal.SIGINT, etc.)

fl_signal_caught(*sglnum*)

```
Informs the main loop of the delivery of the signal signum, the signal
 is received by the application program
<sglnum> : signal number (e.g. signal.SIGALRM, signal.SIGINT, etc.)
```

fl_app_signal_direct(*y*)

```
Changes the default behavior of the built-in signal facilities (to be
 called with a true value for flag prior to any use of
 fl_add_signal_callback()
<y> : flag (e.g. True, False)
```

fl_add_timeout(*msec*, *py_callback*, *data*)

Adds a timeout callback after a specified elapsed time <msec> : time elapsed in milliseconds <py_callback> : python function to be invoked after time <data> : argument to be passed to function

Return Value
timer ID

fl_remove_timeout(*idnum*)

Removes a timeout callback function (created with fl_add_timeout) <idnum> : ID timeout number

fl_library_version(*ver*, *rev*)

```
Returns a consolidated version information, computed as 1000 * version
 + revision.
<ver> : version (e.g. 1 in 1.x.yy)
<rev> : revision (e.g. 0 in x.0.yy)
```

Return Value
version_rev ID

fl_bgn_form(*formtype*, *w*, *h*)

```
Starts the definition of a form call
<formtype> : the type of the box that is used as a background
             (e.g. FL_DOWN_BOX, FL_BORDER_BOX, FL_SHADOW_BOX, etc.)
<w> : width of the new form
<h> : height of the new form
```

Return Value
pForm

fl_end_form()

Ends the definition for a form call, after all required objects have been added to a form call

fl_do_forms()

```
Starts the main loop of the program and returns only when the state of
 an object changes that has no callback bound to it.
```

Return Value
pObject

fl_check_forms()

```
Returns None immediately unless the state of one of the object
 (without a callback bound to it) changed.
```

Return Value
pObject

fl_do_only_forms()

```
Starts the main loop of the program and returns only when the state of
 an object changes that has no callback bound to it. It does not
 handle user events generated by application windows opened via
 fl_winopen() or similar routines.
```

Return Value
pObject

fl_check_only_forms()

```
Returns None immediately unless the state of one of the object
 (without a callback bound to it) changed. It does not handle user
 events generated by application windows opened via fl_winopen() or
 similar routines.
```

Return Value
pObject

fl_freeze_form(*pForm*)

```
It does not temporarily redraw a form while changes are being made, so
 all changes made are instead buffered internally.
<pForm> : form not to be re-drawn temporarly
```

fl_set_focus_object(*pForm*, *pObject*)

Sets the input focus in form to object pObject. <pForm> : form whose object has to be focused <pObject> : object to be focused

fl_get_focus_object(*pForm*)

Obtains the object that has the focus on a form <pForm> : form that has a focused object

Return Value
pObject

fl_reset_focus_object(*pObject*)

Override the FL_UNFOCUS event <pObject> : object towards applying event

fl_set_object_focus(*pForm*, *pObject*)

Sets the input focus in form to object pObject. <pForm> : form whose object has to be focused <pObject> : object to be focused

fl_set_form_atclose(*pForm*, *py_fmclose*, *data*)

Calls a callback function before closing the form. <pForm> : form the receive the message <py_fmclose> : python callback function to be called <data> : argument to be passed to function

Return Value
form atclose reference

fl_set_atclose(*py_fmclose*, *data*)

Calls a callback function before terminating the application. <py_fmclose> : callback function to be called <data> : argument to be passed to function

Return Value
atclose reference

fl_set_form_atactivate(*pForm*, *py_cb*, *data*)

```
Register a callback that is called when activation status of a forms
 is enabled
<pForm> : form activated
<py_cb> : python callback function called
<data> : argument to be passed to function
```

Return Value
form atactivate

fl_set_form_atdeactivate(*pForm*, *py_cb*, *data*)

```
Register a callback that is called when activation status of a forms
 is disabled
<pForm> : form de-activated
<py_cb> : python callback function called
<data> : argument to be passed to function
```

Return Value
form atdeactivate

fl_unfreeze_form(*pForm*)

```
All changes made in the meantime in a form are drawn at once,
 reverting previous freeze
<pForm> : form to be re-drawn after freezing
```

fl_deactivate_form(*pForm*)

```
Deactivates form temporarily, without hiding it, but not allowing the
 user to interact with elements contained in form (buttons, etc.)
<pForm> : form to be de-activated
```

fl_activate_form(*pForm*)

```
Re-activates form, allowing the user to interact again with elements
 contained in form (buttons, etc.)
<pForm> : form to be re-activated
```

fl_deactivate_all_forms()

De-activates all current forms

fl_activate_all_forms()

Re-activates all current forms

fl_freeze_all_forms()

```
It does not temporarily redraw all current forms while changes are
 being made, so all changes made are instead buffered internally.
```

fl_unfreeze_all_forms()

```
All changes made in the meantime in all current forms are drawn at
 once, reverting previous freeze
```

fl_scale_form(*pForm*, *xsc*, *ysc*)

```
Scales a form and the objects on it in size and position, indicating
 a scaling factor in x- and y-direction with respect to the current
 size
<pForm> : form to be scaled
<xsc> : scaling factor in horizonthal direction
<ysc> : scaling factor in vertical direction
```

fl_set_form_position(*pForm*, *x*, *y*)

```
Sets position of form, when placing a form on the screen with
 FL_PLACE_GEOMETRY as place argument
<pForm> : form whose position is to be set
<x> : horizonthal position
<y> : vertical position
```

fl_set_form_title(*pForm*, *name*)

Changes the form title (and the icon name) after it is shown. <pForm> : form whose title has to be changed <name> : new name for the form

fl_set_app_mainform(*pForm*)

fl_get_app_mainform()

Return Value
pForm

fl_set_app_nomainform(*flag*)

fl_set_form_callback(*pForm*, *pycallback*, *data*)

fl_set_form_call_back(*pForm*, *pycallback*, *data*)

fl_set_form_size(*pForm*, *w*, *h*)

fl_set_form_hotspot(*pForm*, *x*, *y*)

fl_set_form_hotobject(*pForm*, *pObject*)

fl_set_form_minsize(*pForm*, *w*, *h*)

fl_set_form_maxsize(*pForm*, *w*, *h*)

fl_set_form_event_cmask(*pForm*, *cmask*)

fl_get_form_event_cmask(*pForm*)

Return Value
cmask ID

fl_set_form_geometry(*pForm*, *x*, *y*, *w*, *h*)

fl_set_initial_placement(*pForm*, *x*, *y*, *w*, *h*)

fl_show_form(*pForm*, *place*, *border*, *name*)

Return Value
window

fl_hide_form(*pForm*)

fl_free_form(*pForm*)

fl_redraw_form(*pForm*)

fl_set_form_dblbuffer(*pForm*, *y*)

fl_prepare_form_window(*pForm*, *place*, *border*, *name*)

Return Value
window ID

fl_show_form_window(*pForm*)

Return Value
window ID

fl_adjust_form_size(*pForm*)

Return Value
ID

fl_form_is_visible(*pForm*)

Return Value
ID

fl_form_is_iconified(*pForm*)

Return Value
ID

fl_register_raw_callback(*pForm*, *mask*, *py_rcb*)

Return Value
raw_callback func

fl_register_call_back(*pForm*, *mask*, *py_rcb*)

Return Value
raw_callback func

fl_bgn_group()

Return Value
pObject

fl_end_group()

fl_addto_group(*pObjectGroup*)

Return Value
pForm

fl_set_object_boxtype(*pObject*, *boxtype*)

fl_set_object_bw(*pObject*, *bw*)

fl_get_object_bw(*pObject*)

Return Value
bw

fl_set_object_resize(*pObject*, *what*)

fl_get_object_resize(*pObject*)

Return Value
what

fl_set_object_gravity(*pObject*, *nw*, *se*)

fl_get_object_gravity(*pObject*)

Return Value
nw, se

fl_set_object_lsize(*pObject*, *lsize*)

fl_set_object_lstyle(*pObject*, *lstyle*)

fl_set_object_lcol(*pObject*, *lcolr*)

fl_set_object_return(*pObject*, *when*)

Return Value
ID num

fl_notify_object(*pObject*, *cause*)

fl_set_object_lalign(*pObject*, *align*)

fl_set_object_shortcut(*pObject*, *sstr*, *showit*)

fl_set_object_shortcutkey(*pObject*, *keysym*)

fl_set_object_dblbuffer(*pObject*, *y*)

fl_set_object_color(*pObject*, *colr1*, *colr2*)

fl_set_object_label(*pObject*, *label*)

fl_set_object_helper(*pObject*, *tip*)

fl_set_object_position(*pObject*, *x*, *y*)

fl_get_object_size(*pObject*)

Return Value

w, h

fl_set_object_size(*pObject*, *w*, *h*)

fl_set_object_automatic(*pObject*, *flag*)

fl_draw_object_label(*pObject*)

fl_draw_object_label_outside(*pObject*)

fl_get_object_component(*pObjectComposite*, *objclass*, *compontype*, *numb*)

Return Value

pObject

fl_for_all_objects(*pForm*, *py_cb*, *v*)

fl_draw_object_outside_label(*pObject*)

fl_set_object_dblclick(*pObject*, *timeout*)

fl_set_object_geometry(*pObject*, *x*, *y*, *w*, *h*)

fl_move_object(*pObject*, *dx*, *dy*)

fl_set_object_lcolor(*pObject*, *lcolr*)

fl_fit_object_label(*pObject*, *xmargin*, *ymargin*)

fl_get_object_geometry(*pObject*)

Return Value

x, y, w, h

fl_get_object_position(*pObject*)

Return Value

x, y

fl_get_object_label(*pObject*)

Return Value
labelname_string

fl_get_object_bbox(*pObject*)

Return Value
x, y, w, h

fl_compute_object_geometry(*pObject*)

Return Value
x, y, w, h

fl_call_object_callback(*pObject*)

fl_set_object_prehandler(*pObject*, *py_phandler*)

Return Value
pHandlerPtr

fl_set_object_posthandler(*pObject*, *py_post*)

Return Value
pHandlerPtr

fl_set_object_callback(*pObject*, *py_callback*, *argum*)

```
Calls a callback function bound to an object, if a condition is met.
<pObject> : an object reference (form, button, etc..)
<py_callback> : a python function with no () and no args to be used
 as callback; the calleee is e.g.: somename(obj, data)
<argum> : argument being passed to function
```

Return Value
c_callback func

fl_set_object_align(*pObject*, *align*)

fl_set_call_back(*pObject*, *py_callback*, *argum*)

```
Calls a callback function bound to an object, if a condition is met.
<pObject> : an object reference (form, button, etc..)
<py_callback> : a python function with no () and no args to be used
 as callback; the calleee is e.g.: somename(obj, data)
<argum> : argument being passed to function
```

Return Value
c_callback func

fl_redraw_object(*pObject*)

fl_scale_object(*pObject*, *xs*, *ys*)

fl_show_object(*pObject*)

fl_hide_object(*pObject*)

fl_free_object(*pObject*)

fl_delete_object(*pObject*)

fl_get_object_return_state(*pObject*)

Return Value
ID num

fl_trigger_object(*pObject*)

fl_activate_object(*pObject*)

fl_deactivate_object(*pObject*)

fl_enumerate_fonts(*py_output*, *shortform*)

Return Value
ID num

fl_set_font_name(*n*, *name*)

Return Value
ID num

fl_set_font(*numb*, *size*)

fl_get_char_height(*style*, *size*)

Return Value
height num., asc, desc

fl_get_char_width(*style*, *size*)

Return Value
width num

fl_get_string_height(*style*, *size*, *strng*, *strglen*)

Return Value
height num., asc, desc

fl_get_string_width(*style*, *size*, *s*, *strglen*)

Return Value
width num

fl_get_string_widthTAB(*style*, *size*, *s*, *strglen*)

Return Value
width num

fl_get_string_dimension(*fntstyle*, *fntsize*, *s*, *strglen*)

Return Value
width, height

fl_get_string_size(*fntstyle*, *fntsize*, *s*, *strglen*)

Return Value
width, height

fl_get_align_xy(*align*, *x*, *y*, *w*, *h*, *xsize*, *ysize*, *xoff*, *yoff*)

Return Value
xx, yy

fl_drw_text(*align*, *x*, *y*, *w*, *h*, *colr*, *style*, *size*, *txtstr*)

fl_drw_text_beside(*align*, *x*, *y*, *w*, *h*, *colr*, *style*, *size*, *txtstr*)

fl_drw_text_cursor(*align*, *x*, *y*, *w*, *h*, *colr*, *style*, *size*, *txtstr*, *cc*, *pos*)

fl_drw_box(*style*, *x*, *y*, *w*, *h*, *colr*, *bwIn*)

fl_add_symbol(*name*, *py_drawit*, *scalable*)

Return Value
num

fl_draw_symbol(*label*, *x*, *y*, *w*, *h*, *colr*)

Return Value
num

fl_mapcolor(*colr*, *r*, *g*, *b*)

Return Value
num

fl_mapcolorname(*colr*, *name*)

Return Value
num

fl_mapcolor_name(*colr*, *name*)

Return Value
num

fl_free_colors(*c*, *n*)

fl_free_pixels(*pix*, *n*)

fl_set_color_leak(*y*)

fl_getmcolor(*colr*)

Return Value
num., r, g, b

fl_get_pixel(*colr*)

Return Value
pixel num

fl_get_flcolor(*colr*)

Return Value
pixel num

fl_get_icm_color(*colr*)

Return Value
r, g, b

fl_set_icm_color(*colr*, *r*, *g*, *b*)

fl_color(*colr*)

fl_bk_color(*colr*)

fl_textcolor(*colr*)

fl_bk_textcolor(*colr*)

fl_set_gamma(*r*, *g*, *b*)

fl_show_errors(*y*)

FL_max(*a*, *b*)

FL_min(*a*, *b*)

FL_abs(*a*)

FL_nint(*a*)

FL_clamp(*a*, *amin*, *amax*)

FL_crnd(*a*)

fl_add_object(*pForm*, *pObject*)

fl_addto_form(*pForm*)

Return Value
pForm

fl_make_object(*objclass*, *objtype*, *x*, *y*, *w*, *h*, *label*, *py_handle*)

Return Value
pObject

fl_add_child(*pObject1*, *pObject2*)

fl_set_coordunit(*u*)

fl_set_border_width(*bw*)

fl_set_scrollbar_type(*t*)

fl_set_thinscrollbar(*t*)

fl_flip_yorigin()

fl_get_coordunit()

Return Value
coord_unit num

fl_get_border_width()

Return Value
width num

fl_ringbell(*percent*)

fl_gettime()

Return Value
sec, usec

fl_now()

Return Value
string

fl_whoami()

Return Value
string

fl_mouse_button()

Return Value
num

fl_strdup(*strng*)

Return Value
string

fl_set_err_logfp(*pFile*)

fl_set_error_handler(*py_user_func*)

fl_get_cmdline_args(*p1*)

Return Value
string

fl_set_error_logfp(*pFile*)

fl_mousebutton()

Return Value
num

fl_free(*p1*)

fl_msleep(*msec*)

Return Value
num

FL_is_gray(*v*)

FL_is_rgb(*v*)

fl_get_vclass()

fl_get_form_vclass(*a*)

fl_get_gc()

fl_mode_capable(*mode*, *warn*)

Return Value
mode num

fl_default_win()

fl_default_window()

fl_rectangle(*fill*, *x*, *y*, *w*, *h*, *colr*)

fl_rectbound(*x*, *y*, *w*, *h*, *colr*)

fl_rectf(*x*, *y*, *w*, *h*, *colr*)

fl_rect(*x*, *y*, *w*, *h*, *colr*)

fl_roundrectangle(*fill*, *x*, *y*, *w*, *h*, *colr*)

fl_roundrectf(*x*, *y*, *w*, *h*, *colr*)

fl_roundrect(*x*, *y*, *w*, *h*, *colr*)

fl_polygon(*fill*, *xp*, *n*, *colr*)

fl_polyf(*xp*, *n*, *colr*)

fl_polyl(*xp*, *n*, *colr*)

fl_polybound(*xp*, *n*, *colr*)

fl_lines(*xp*, *n*, *colr*)

fl_line(*xi*, *yi*, *xf*, *yf*, *colr*)

fl_point(*x*, *y*, *colr*)

fl_points(*pPoint*, *np*, *colr*)

fl_simple_line(*xi*, *yi*, *xf*, *yf*, *colr*)

fl_dashedlinestyle(*dash*, *ndash*)

fl_update_display(*block*)

fl_diagline(*x*, *y*, *w*, *h*, *colr*)

fl_linewidth(*n*)

fl_linestyle(*n*)

fl_drawmode(*request*)

fl_get_linewidth()

Return Value
width num

fl_get_linestyle()

Return Value
style num

fl_get_drawmode()

Return Value
mode num

fl_set_linewidth(*n*)

fl_set_linestyle(*n*)

fl_set_drawmode(*request*)

fl_oval(*fill*, *x*, *y*, *w*, *h*, *colr*)

fl_ovalbound(*x*, *y*, *w*, *h*, *colr*)

fl_ovalarc(*fill*, *x*, *y*, *w*, *h*, *t0*, *dt*, *colr*)

fl_ovalf(*x*, *y*, *w*, *h*, *colr*)

fl_ovall(*x*, *y*, *w*, *h*, *colr*)

fl_oval_bound(*x*, *y*, *w*, *h*, *colr*)

fl_circf(*x*, *y*, *r*, *colr*)

fl_circ(*x*, *y*, *r*, *colr*)

fl_pieslice(*fill*, *x*, *y*, *w*, *h*, *a1*, *a2*, *colr*)

fl_arcf(*x*, *y*, *r*, *a1*, *a2*, *colr*)

fl_arc(*x*, *y*, *r*, *a1*, *a2*, *colr*)

fl_drw_frame(*style*, *x*, *y*, *w*, *h*, *colr*, *bw*)

fl_drw_checkbox(*boxtype*, *x*, *y*, *w*, *h*, *colr*, *bw*)

fl_get_fontstruct(*style*, *size*)

Return Value
XFontStruct class

fl_get_font_struct(*style*, *size*)

Return Value
XFontStruct class

fl_get_fntstruct(*style*, *size*)

Return Value
XFontStruct class

fl_get_mouse()

Return Value
window, x, y, keymask

fl_set_mouse(*mx*, *my*)

fl_get_win_mouse(*win*)

Return Value
window, x, y, keymask

fl_get_form_mouse(*pForm*)

Return Value
window, x, y, keymask

fl_win_to_form(*win*)

Return Value
pForm

fl_set_form_icon(*pForm*, *icon*, *mask*)

fl_get_decoration_sizes(*pForm*)

Return Value
size num., top, right, bottom, left

XRaiseWindow(*pDisplay*, *win*)

Return Value
num

fl_raise_form(*pForm*)

XLowerWindow(*pDisplay*, *win*)

Return Value
num

fl_lower_form(*pForm*)

XSetForeground(*pDisplay*, *p2*, *p3*)

Return Value
num

fl_set_foreground(*gc*, *c*)

XSetBackground(*pDisplay*, *p2*, *p3*)

Return Value
num

fl_set_background(*gc*, *c*)

fl_wincreate(*label*)

Return Value
window

fl_winshow(*win*)

Return Value
window

fl_winopen(*label*)

Return Value
window

fl_winhide(*win*)

fl_winclose(*win*)

fl_winset(*win*)

fl_winreparent(*win*, *newparent*)

Return Value
num

fl_winfocus(*win*)

fl_winget()

Return Value
window

fl_iconify(*win*)

Return Value
num

fl_winresize(*win*, *neww*, *newh*)

fl_winmove(*win*, *dx*, *dy*)

fl_winreshape(*win*, *dx*, *dy*, *w*, *h*)

fl_winicon(*win*, *icon*, *mask*)

fl_winbackground(*win*, *bkcolr*)

fl_winstepunit(*win*, *dx*, *dy*)

fl_winisvalid(*win*)

Return Value
num

fl_wintitle(*win*, *title*)

fl_winicontitle(*win*, *title*)

fl_winposition(*x*, *y*)

fl_pref_winposition(*x*, *y*)

fl_win_background(*win*, *bkcolr*)

fl_set_winstepunit(*win*, *dx*, *dy*)

fl_winminsize(*win*, *w*, *h*)

fl_winmaxsize(*win*, *w*, *h*)

fl_winaspect(*win*, *x*, *y*)

fl_reset_winconstraints(*win*)

fl_winsize(*w*, *h*)

fl_initial_winsize(*w*, *h*)

fl_pref_winsize(*w*, *h*)

fl_initial_winstate(*state*)

fl_create_colormap(*pXVisualInfo*, *nfill*)

Return Value
colormap

fl_wingeometry(*x*, *y*, *w*, *h*)

fl_pref_wingeometry(*x*, *y*, *w*, *h*)

fl_initial_wingeometry(*x*, *y*, *w*, *h*)

fl_noborder()

fl_transient()

fl_get_winsize(*win*)

Return Value
w, h

fl_get_winorigin(*win*)

Return Value
x, y

fl_get_wingeometry(*win*)

Return Value
x, y, w, h

fl_get_win_size(*win*)

Return Value
w, h

fl_get_win_origin(*win*)

Return Value
x, y

fl_get_win_geometry(*win*)

Return Value
x, y, w, h

fl_initial_winposition(*x*, *y*)

fl_get_display()

FL_FormDisplay(*pForm*)

FL_ObjectDisplay(*object*)

FL_IS_CANVAS(*pObject*)

FL_ObjWin(*pObject*)

fl_get_real_object_window(*pObject*)

Return Value
window

FL_OBJECT_WID(*pObject*)

fl_XNextEvent(*pXEvent*)

Return Value
event num

fl_XPeekEvent(*pXEvent*)

Return Value
event num

fl_XEventsQueued(*mode*)

Return Value
event num

fl_XPutBackEvent(*pXEvent*)

fl_last_event()

Return Value
event

fl_set_event_callback(*py_callback*, *userdata*)

Return Value
event callback

fl_set_idle_callback(*py_callback*, *userdata*)

Return Value
event callback func

fl_addto_selected_xevent(*win*, *mask*)

Return Value
num

fl_remove_selected_xevent(*win*, *mask*)

Return Value
num

fl_add_selected_xevent(*win*, *mask*)

Return Value
num

fl_set_idle_delta(*delta*)

fl_add_event_callback(*win*, *ev*, *py_wincb*, *userdata*)

Return Value
event callback

fl_remove_event_callback(*win*, *ev*)

fl_activate_event_callbacks(*win*)

fl_print_xevent_name(*where*, *pXEvent*)

Return Value
pXEvent

metakey_down(*mask*)

shiftkey_down(*mask*)

controlkey_down(*mask*)

button_down(*mask*)

fl_initialize(*numargs*, *args*, *applclass*, *apploptions*, *numapplopts*)

Return Value
pDisplay

fl_finish()

fl_get_resource(*rname*, *cname*, *dtype*, *defval*, *val*, *size*)

Return Value
string

fl_set_resource(*resstr*, *val*)

fl_get_app_resources(*pResource*, *n*)

fl_set_graphics_mode(*mode*, *doublebuf*)

fl_set_visualID(*idnum*)

fl_keysym_pressed(*keysym*)

Return Value
num

fl_keypressed(*keysym*)

Return Value
num

fl_set_defaults(*mask*, *pIopt*)

fl_set_tabstop(*s*)

fl_get_defaults(*pIopt*)

fl_get_visual_depth()

Return Value
depth num

fl_vclass_name(*n*)

Return Value
name string

fl_vclass_val(*val*)

Return Value
num

fl_set_ul_property(*prop*, *thickness*)

fl_set_clipping(*x*, *y*, *w*, *h*)

fl_set_gc_clipping(*gc*, *x*, *y*, *w*, *h*)

fl_unset_gc_clipping(*gc*)

fl_set_clippings(*pRect*, *n*)

fl_unset_clipping()

fl_set_text_clipping(*x*, *y*, *w*, *h*)

fl_unset_text_clipping()

FL_PCCLAMP(*a*)

fl_popup_add(*win*, *p2*)

Return Value
pPopup

fl_popup_add_entries(*pPopup*, *entrytxt*)

Return Value
pPopupEntry

fl_popup_insert_entries(*pPopup*, *pPopupEntry*, *entrytxt*)

Return Value
pPopupEntry

fl_popup_create(*win*, *p2*, *pPopupItem*)

Return Value
pPopup

fl_popup_delete(*pPopup*)

Return Value
num

fl_popup_entry_delete(*pPopupEntry*)

Return Value
num

fl_popup_do(*pPopup*)

Return Value
pPopupReturn

fl_popup_set_position(*pPopup*, *p2*, *p3*)

fl_popup_get_policy(*pPopup*)

Return Value
num

fl_popup_set_policy(*pPopup*, *p2*)

Return Value
num

fl_popup_set_callback(*pPopup*, *py_cb*)

Return Value
popup callback func

fl_popup_get_title_font(*pPopup*)

Return Value
style, size

fl_popup_set_title_font(*pPopup*, *style*, *size*)

fl_popup_entry_get_font(*pPopup*)

Return Value
style, size

fl_popup_entry_set_font(*pPopup*, *style*, *size*)

fl_popup_get_bw(*pPopup*)

Return Value
num

fl_popup_set_bw(*pPopup*, *p2*)

Return Value
num

fl_popup_get_color(*pPopup*, *p2*)

Return Value
color

fl_popup_set_color(*pPopup*, *p2*, *colr*)

Return Value
color

fl_popup_set_cursor(*pPopup*, *p2*)

fl_popup_get_title(*pPopup*)

Return Value
title string

fl_popup_set_title(*pPopup*, *title*)

Return Value
popup

fl_popup_entry_set_callback(*pPopupEntry*, *py_pucb*)

Return Value
popup_callback

fl_popup_entry_set_enter_callback(*pPopupEntry*, *py_pucb*)

Return Value
popup_callback

fl_popup_entry_set_leave_callback(*pPopupEntry*, *py_pucb*)

Return Value
popup_callback

fl_popup_entry_get_state(*pPopupEntry*)

Return Value
state num

fl_popup_entry_set_state(*pPopupEntry*, *p2*)

Return Value
state num

fl_popup_entry_clear_state(*pPopupEntry*, *p2*)

Return Value
state num

fl_popup_entry_raise_state(*pPopupEntry*, *p2*)

Return Value
state num

fl_popup_entry_toggle_state(*pPopupEntry*, *p2*)

Return Value
num

fl_popup_entry_set_text(*p1*, *txtstr*)

Return Value
num

fl_popup_entry_set_shortcut(*pPopupEntry*, *sctext*)

fl_popup_entry_set_value(*pPopupEntry*, *p2*)

Return Value
num

fl_popup_entry_set_user_data(*pPopupEntry*, *data*)

Return Value
??

fl_popup_entry_get_by_position(*pPopup*, *numpos*)

Return Value
pPopupEntry

fl_popup_entry_get_by_value(*pPopup*, *val*)

Return Value
pPopupEntry

fl_popup_entry_get_by_user_data(*pPopup*, *p2*)

Return Value
pPopupEntry

fl_popup_entry_get_by_text(*pPopup*, *text*)

Return Value
pPopupEntry

fl_popup_entry_get_by_label(*pPopup*, *label*)

Return Value
pPopupEntry

fl_popup_entry_get_group(*pPopupEntry*)

Return Value
num

fl_popup_entry_set_group(*pPopupEntry*, *num*)

Return Value
num

fl_popup_entry_get_subpopup(*pPopupEntry*)

Return Value
pPopup

fl_popup_entry_set_subpopup(*pPopupEntry*, *pPopup*)

Return Value
pPopup

fl_popup_get_size(*pPopup*)

Return Value
size num., w, h

fl_popup_get_min_width(*pPopup*)

Return Value
width num

fl_popup_set_min_width(*p1*, *p2*)

Return Value
width num

fl_create_bitmap(*bitmaptype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_bitmap(*bitmaptype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_bitmap_data(*pObject*, *w*, *h*, *data*)

fl_set_bitmap_file(*pObject*, *fname*)

fl_read_bitmapfile(*win*, *filename*, *w*, *h*, *hotx*, *hoty*)

Return Value
pixmap

XCreateBitmapFromData(*pDisplay*, *p2*, *p3*, *p4*, *p5*)

Return Value
pixmap

fl_create_from_bitmapdata(*win*, *data*, *w*, *h*)

fl_set_bitmap_datafile(*pObject*, *fname*)

fl_create_pixmap(*pixmaptype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_pixmap(*pixmaptype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_pixmap_data(*pObject*, *bits*)

fl_set_pixmap_file(*pObject*, *fname*)

fl_set_pixmap_align(*pObject*, *align*, *xmargin*, *ymargin*)

fl_set_pixmap_pixmap(*pObject*, *idnum*, *mask*)

fl_set_pixmap_colorcloseness(*red*, *green*, *blue*)

fl_free_pixmap_pixmap(*pObject*)

fl_get_pixmap_pixmap(*pObject*)

Return Value
pixmap, p, m

fl_read_pixmapfile(*win*, *filename*, *w*, *h*, *shape_mask*, *hotx*, *hoty*, *tran*)

Return Value
pixmap

fl_create_from_pixmapdata(*win*, *data*, *w*, *h*, *sm*, *hotx*, *hoty*, *tran*)

Return Value
pixmap

XFreePixmap(*pDisplay*, *pixmap*)

Return Value
num

fl_free_pixmap(*idnum*)

fl_create_box(*boxtype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_box(*boxtype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_browser(*browsertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_browser(*browsertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_clear_browser(*pObject*)

fl_add_browser_line(*pObject*, *newtext*)

fl_addto_browser(*pObject*, *newtext*)

fl_addto_browser_chars(*pObject*, *browsertext*)

fl_append_browser(*pObject*, *browsertext*)

fl_insert_browser_line(*pObject*, *linenumb*, *newtext*)

fl_delete_browser_line(*pObject*, *linenumb*)

fl_replace_browser_line(*pObject*, *linenumb*, *newtext*)

fl_get_browser_line(*pObject*, *linenumb*)

Return Value
line string

fl_load_browser(*pObject*, *filename*)

Return Value
num

fl_select_browser_line(*pObject*, *line*)

fl_deselect_browser_line(*pObject*, *line*)

fl_deselect_browser(*pObject*)

fl_isselected_browser_line(*pObject*, *line*)

Return Value
num

fl_get_browser_topline(*pObject*)

Return Value
num

fl_get_browser(*pObject*)

Return Value
num

fl_get_browser_maxline(*pObject*)

Return Value
line num

fl_get_browser_screenlines(*pObject*)

Return Value
lines num

fl_set_browser_topline(*pObject*, *topline*)

fl_set_browser_fontsize(*pObject*, *size*)

fl_set_browser_fontstyle(*pObject*, *style*)

fl_set_browser_specialkey(*pObject*, *specialkey*)

fl_set_browser_vscrollbar(*pObject*, *on*)

fl_set_browser_hscrollbar(*pObject*, *on*)

fl_set_browser_line_selectable(*pObject*, *line*, *flag*)

fl_get_browser_dimension(*pObject*)

Return Value
x, y, w, h

fl_set_browser_dblclick_callback(*pObject*, *py_cb*, *argum*)

fl_get_browser_xoffset(*pObject*)

Return Value
coord num

fl_get_browser_rel_xoffset(*pObject*)

Return Value
num

fl_set_browser_xoffset(*pObject*, *npixels*)

fl_set_browser_rel_xoffset(*pObject*, *val*)

fl_get_browser_yoffset(*pObject*)

Return Value
coord num

fl_get_browser_rel_yoffset(*pObject*)

Return Value
num

fl_set_browser_yoffset(*pObject*, *npixels*)

fl_set_browser_rel_yoffset(*pObject*, *val*)

fl_set_browser_scrollbarsize(*pObject*, *hh*, *vw*)

fl_show_browser_line(*pObject*, *j*)

fl_set_default_browser_maxlinelength(*n*)

Return Value
length num

fl_set_browser_hscroll_callback(*pObject*, *py_cb*, *data*)

fl_set_browser_vscroll_callback(*pObject*, *py_cb*, *data*)

fl_get_browser_line_yoffset(*pObject*, *line*)

Return Value
num

fl_get_browser_hscroll_callback(*pObject*)

Return Value
callback

fl_get_browser_vscroll_callback(*pObject*)

Return Value
callback

fl_create_button(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_roundbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_round3dbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_lightbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_checkbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_bitmapbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_pixmapbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_scrollbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_labelbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_roundbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_round3dbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_lightbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_checkbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_button(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_bitmapbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_scrollbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_labelbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_bitmapbutton_file(*pObject*, *fname*)

fl_set_bitmapbutton_data(*pObject*, *w*, *h*, *bits*)

fl_set_bitmapbutton_datafile(*pObject*, *fname*)

fl_add_pixmapbutton(*buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_pixmapbutton_focus_outline(*pObject*, *yes*)

fl_set_pixmapbutton_data(*pObject*, *bits*)

fl_set_pixmapbutton_file(*pObject*, *fname*)

fl_set_pixmapbutton_pixmap(*pObject*, *idnum*, *mask*)

fl_get_pixmapbutton_pixmap(*pObject*)

Return Value
pixmap, p, m

fl_set_pixmapbutton_align(*pObject*, *align*, *xmargin*, *ymargin*)

fl_free_pixmapbutton_pixmap(*pObject*)

fl_set_pixmapbutton_datafile(*pObject*, *fname*)

fl_set_pixmapbutton_show_focus(*pObject*, *yes*)

fl_set_pixmapbutton_focus_data(*pObject*, *bits*)

fl_set_pixmapbutton_focus_file(*pObject*, *fname*)

fl_set_pixmapbutton_focus_pixmap(*pObject*, *idnum*, *mask*)

fl_get_button(*pObject*)

Return Value
num

fl_set_button(*pObject*, *pushed*)

fl_get_button_numb(*pObject*)

Return Value
num

fl_set_button_shortcut(*pObject*, *sstr*, *showit*)

fl_create_generic_button(*objclass*, *buttontype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_button_class(*bclass*, *py_drawit*, *py_cleanup*)

fl_set_button_mouse_buttons(*pObject*, *buttons*)

fl_get_button_mouse_buttons(*pObject*)

Return Value
buttons

fl_create_generic_canvas(*canvasclass*, *canvastype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_canvas(*canvastype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_canvas(*canvastype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_canvas_decoration(*pObject*, *boxtype*)

fl_set_canvas_colormap(*pObject*, *colormap*)

fl_set_canvas_visual(*pObject*, *vi*)

fl_set_canvas_depth(*pObject*, *depth*)

fl_set_canvas_attributes(*pObject*, *mask*, *pXSetWindowAttributes*)

fl_add_canvas_handler(*pObject*, *ev*, *py_handler*, *udata*)

Return Value
canvas handler

fl_get_canvas_id(*pObject*)

Return Value
window

fl_get_canvas_colormap(*pObject*)

Return Value
colormap

fl_get_canvas_depth(*pObject*)

Return Value
depth num

fl_remove_canvas_handler(*pObject*, *ev*, *py_handler*)

fl_hide_canvas(*pObject*)

fl_share_canvas_colormap(*pObject*, *colormap*)

fl_clear_canvas(*pObject*)

fl_modify_canvas_prop(*pObject*, *py_init*, *py_activate*, *py_cleanup*)

fl_canvas_yield_to_shortcut(*pObject*, *yes*)

fl_create_glcanvas(*canvastype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_glcanvas(*canvastype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_glcanvas_defaults(*config*)

fl_set_glcanvas_defaults(config):

fl_get_glcanvas_defaults(*config*)

fl_get_glcanvas_defaults(config):

fl_set_glcanvas_attributes(*pObject*, *config*)

fl_get_glcanvas_attributes(*pObject*, *attributes*)

fl_set_glcanvas_direct(*pObject*, *direct*)

fl_activate_glcanvas(*pObject*)

fl_get_glcanvas_xvisualinfo(*pObject*)

Return Value
xvisualinfo class

fl_get_glcanvas_context(*pObject*)

Return Value
glxcontext class

fl_glwincreate(*config*, *pGLXContext*, *w*, *h*)

Return Value
window

fl_glwinopen(*config*, *pGLXContext*, *w*, *h*)

Return Value
window

fl_create_chart(*charttype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_chart(*charttype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_clear_chart(*pObject*)

fl_add_chart_value(*pObject*, *val*, *labeltext*, *col*)

fl_insert_chart_value(*pObject*, *indx*, *val*, *labeltext*, *col*)

fl_replace_chart_value(*pObject*, *indx*, *val*, *labeltext*, *col*)

fl_set_chart_bounds(*pObject*, *minbound*, *maxbound*)

fl_get_chart_bounds(*pObject*)

Return Value
minbound, maxbound

fl_set_chart_maxnumb(*pObject*, *maxnumb*)

fl_set_chart_autosize(*pObject*, *autosize*)

fl_set_chart_lstyle(*pObject*, *lstyle*)

fl_set_chart_lsize(*pObject*, *lsize*)

fl_set_chart_lcolor(*pObject*, *colr*)

fl_set_chart_baseline(*pObject*, *yesno*)

fl_set_chart_lcol(*pObject*, *colr*)

fl_create_choice(*choicetype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_choice(*choicetype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_clear_choice(*pObject*)

fl_addto_choice(*pObject*, *choicetext*)

Return Value
num

fl_replace_choice(*pObject*, *numb*, *choicetext*)

fl_delete_choice(*pObject*, *numb*)

fl_set_choice(*pObject*, *choice*)

fl_set_choice_text(*pObject*, *choicetext*)

fl_get_choice(*pObject*)

Return Value
num

fl_get_choice_item_text(*pObject*, *n*)

Return Value
text string

fl_get_choice_maxitems(*pObject*)

Return Value
items num

fl_get_choice_text(*pObject*)

Return Value
text string

fl_set_choice_fontsize(*pObject*, *size*)

fl_set_choice_fontstyle(*pObject*, *style*)

fl_set_choice_align(*pObject*, *align*)

fl_get_choice_item_mode(*pObject*, *item*)

Return Value
mode num

fl_set_choice_item_mode(*pObject*, *item*, *mode*)

fl_set_choice_item_shortcut(*pObject*, *item*, *sstext*)

fl_set_choice_entries(*pObject*, *pPopupEntry*)

Return Value
num

fl_set_choice_notitle(*pObject*, *n*)

Return Value
num

fl_stuff_clipboard(*pObject*, *clipbdtype*, *data*, *size*, *py_lose_callback*)

Return Value
num

fl_request_clipboard(*pObject*, *clipbdtype*, *py_got_it_callback*)

Return Value
num

fl_create_clock(*clocktype*, *x*, *y*, *w*, *h*, *s*)

Return Value
pObject

fl_add_clock(*clocktype*, *x*, *y*, *w*, *h*, *s*)

Return Value
pObject

fl_get_clock(*pObject*)

Return Value
hr, mn, sec

fl_set_clock_adjustment(*pObject*, *offset*)

Return Value
num

fl_set_clock_ampm(*pObject*, *y*)

fl_create_counter(*countertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_counter(*countertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_counter_value(*pObject*, *val*)

fl_set_counter_bounds(*pObject*, *minbound*, *maxbound*)

fl_set_counter_step(*pObject*, *s*, *l*)

fl_set_counter_precision(*pObject*, *prec*)

fl_get_counter_precision(*pObject*)

Return Value
num

fl_set_counter_return(*pObject*, *how*)

fl_get_counter_value(*pObject*)

Return Value
num

fl_get_counter_bounds(*pObject*)

Return Value
minbound, maxbound

fl_get_counter_step(*pObject*)

Return Value
s, l

fl_set_counter_filter(*pObject*, *filter*)

fl_get_counter_repeat(*pObject*)

Return Value
num

fl_set_counter_repeat(*pObject*, *msec*)

fl_get_counter_min_repeat(*pObject*)

Return Value
num

fl_set_counter_min_repeat(*pObject*, *msec*)

fl_get_counter_speedjump(*pObject*)

Return Value
num

fl_set_counter_speedjump(*pObject*, *yesno*)

fl_set_cursor(*win*, *numb*)

fl_set_cursor_color(*numb*, *fgcolr*, *bgcolr*)

fl_create_bitmap_cursor(*source*, *maskstr*, *w*, *h*, *hotx*, *hoty*)

Return Value
num

fl_create_animated_cursor(*curnames*, *timeout*)

Return Value
num

fl_get_cursor_byname(*numb*)

Return Value
cursor

fl_create_dial(*dialtype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_dial(*dialtype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_dial_value(*pObject*, *val*)

fl_get_dial_value(*pObject*)

Return Value
num

fl_set_dial_bounds(*pObject*, *minbound*, *maxbound*)

fl_get_dial_bounds(*pObject*)

Return Value
minbound, maxbound

fl_set_dial_step(*pObject*, *value*)

fl_set_dial_return(*pObject*, *value*)

fl_set_dial_angles(*pObject*, *angmin*, *angmax*)

fl_set_dial_cross(*pObject*, *flag*)

fl_set_dial_crossover(*pObject*, *flag*)

fl_set_dial_direction(*pObject*, *directn*)

fl_get_dirlist(*directory*, *pattern*, *rescan*)

Return Value
pDirList, n

fl_set_dirlist_filter(*py_filter*)

Return Value
dirlist_filter func

fl_set_dirlist_sort(*method*)

Return Value
num

fl_set_dirlist_filterdir(*yes*)

Return Value
num

fl_free_dirlist(*pDirList*)

fl_free_all_dirlist()

fl_is_valid_dir(*name*)

Return Value
num

fl_fmtime(*timestr*)

Return Value
num

fl_fix_dirname(*directory*)

Return Value
dirname string

flps_init()

Return Value
flps_control class

fl_object_ps_dump(*pObject*, *fname*)

Return Value
num

fl_addto_formbrowser(*pObject*, *pForm*)

Return Value
num

fl_delete_formbrowser_bynumber(*pObject*, *num*)

Return Value
pForm

fl_delete_formbrowser(*pObject*, *pFormCandidate*)

Return Value
num

fl_replace_formbrowser(*pObject*, *num*, *pForm*)

fl_insert_formbrowser(*pObject*, *line*, *pFormNew*)

Return Value
num

fl_get_formbrowser_area(*pObject*)

Return Value
num., x, y, w, h

fl_set_formbrowser_scroll(*pObject*, *how*)

fl_set_formbrowser_hscrollbar(*pObject*, *how*)

fl_set_formbrowser_vscrollbar(*pObject*, *how*)

fl_get_formbrowser_topform(*pObject*)

Return Value
pForm

fl_set_formbrowser_topform(*pObject*, *pForm*)

Return Value
num

fl_set_formbrowser_topform_bynumber(*pObject*, *n*)

Return Value
pForm

fl_set_formbrowser_xoffset(*pObject*, *offset*)

Return Value
num

fl_set_formbrowser_yoffset(*pObject*, *offset*)

Return Value
num

fl_get_formbrowser_xoffset(*pObject*)

Return Value
num

fl_get_formbrowser_yoffset(*pObject*)

Return Value
num

fl_find_formbrowser_form_number(*pObject*, *pFormCandidate*)

Return Value
num

fl_add_formbrowser(*frmbrwstype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_formbrowser(*frmbrwstype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_get_formbrowser_numforms(*pObject*)

Return Value
forms num

fl_get_formbrowser_form(*pObject*, *n*)

Return Value
pForm

fl_create_frame(*frametype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_frame(*frametype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_labelframe(*frametype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_labelframe(*frametype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_free(*freetype*, *x*, *y*, *w*, *h*, *label*, *py_handle*)

Return Value
pObject

fl_add_free(*freetype*, *x*, *y*, *w*, *h*, *label*, *py_handle*)

Return Value
pObject

fl_set_goodies_font(*style*, *size*)

fl_show_message(*p1*, *p2*, *p3*)

fl_show_messages(*p1*)

fl_show_msg(*p1*)

fl_hide_message()

fl_hide_msg()

fl_hide_messages()

fl_show_question(*p1*, *p2*)

Return Value
num

fl_hide_question()

fl_show_alert(*p1*, *p2*, *p3*, *p4*)

fl_show_alert2(*c*, *fmt*)

fl_hide_alert()

fl_show_input(*p1*, *p2*)

Return Value
input string

fl_hide_input()

fl_show_simple_input(*p1*, *p2*)

Return Value
input string

fl_show_colormap(*oldcolr*)

Shows a colormap color selector from which the user can select a color. <oldcolr> : color num.

Return Value
colormap num

fl_show_choices(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*)

Return Value
num

fl_show_choice(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*)

Return Value
num

fl_hide_choice()

fl_set_choices_shortcut(*p1*, *p2*, *p3*)

fl_set_choice_shortcut(*p1*, *p2*, *p3*)

fl_show_oneliner(*p1*, *p2*, *p3*)

fl_hide_oneliner()

fl_set_oneliner_font(*p1*, *p2*)

fl_set_oneliner_color(*p1*, *p2*)

fl_set_tooltip_font(*p1*, *p2*)

fl_set_tooltip_color(*p1*, *p2*)

fl_set_tooltip_boxtype(*p1*)

fl_set_tooltip_lalign(*p1*)

fl_exe_command(*p1*, *p2*)

Return Value
num

fl_end_command(*p1*)

Return Value
num

fl_check_command(*p1*)

Return Value
num

fl_popen(*p1*, *p2*)

Return Value
FILE ptr

fl_pclose(*p1*)

Return Value
num

fl_end_all_command()

Return Value
num

fl_show_command_log(*p1*)

fl_hide_command_log()

fl_clear_command_log()

fl_addto_command_log(*p1*)

fl_set_command_log_position(*p1*, *p2*)

fl_get_command_log_fdstruct()

Return Value
pCmdlog

fl_open_command(*p1*, *p2*)

Return Value
num

fl_close_command(*p1*)

Return Value
num

fl_use_fselector(*p1*)

Return Value
num

fl_show_fselector(*p1*, *p2*, *p3*, *p4*)

Return Value
fselector string

fl_set_fselector_fontsize(*p1*)

fl_set_fselector_fontstyle(*p1*)

fl_set_fselector_placement(*p1*)

fl_set_fselector_border(*p1*)

fl_set_fselector_transient(*b*)

fl_set_fselector_callback(*py_cb*, *p2*)

fl_get_filename()

Return Value
filename string

fl_get_directory()

Return Value
directory string

fl_get_pattern()

Return Value
pattern string

fl_set_directory(*p1*)

Return Value
num

fl_set_pattern(*p1*)

fl_refresh_fselector()

fl_add_fselector_appbutton(*p1*, *py_fn*, *p3*)

fl_remove_fselector_appbutton(*p1*)

fl_disable_fselector_cache(*p1*)

fl_invalidate_fselector_cache()

fl_get_fselector_form()

Return Value
pForm

fl_get_fselector_fdstruct()

Return Value
fselector class

fl_hide_fselector()

fl_set_fselector_filetype_marker(*p1*, *p2*, *p3*, *p4*, *p5*)

fl_show_file_selector(*p1*, *p2*, *p3*, *p4*)

Return Value
fselector string

fl_set_fselector_cb(*py_cb*, *p2*)

fl_set_fselector_title(*s*)

fl_goodies_atclose(*pForm*, *p2*)

Return Value
num

fl_create_input(*inputtype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_input(*inputtype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_input(*pObject*, *inputstr*)

fl_set_input_return(*pObject*, *value*)

fl_set_input_color(*pObject*, *textcolr*, *curscolr*)

fl_get_input_color(*pObject*)

Return Value
textcolr, curscolr

fl_set_input_scroll(*pObject*, *yes*)

fl_set_input_cursorpos(*pObject*, *xpos*, *ypos*)

fl_set_input_selected(*pObject*, *yes*)

fl_set_input_selected_range(*pObject*, *begin*, *end*)

fl_get_input_selected_range(*pObject*)

Return Value
string, begin, end

fl_set_input_maxchars(*pObject*, *maxchars*)

fl_set_input_format(*pObject*, *fmt*, *sep*)

fl_set_input_hscrollbar(*pObject*, *pref*)

fl_set_input_vscrollbar(*pObject*, *pref*)

fl_set_input_topline(*pObject*, *top*)

fl_set_input_scrollbarsize(*pObject*, *hh*, *vw*)

fl_get_input_scrollbarsize(*pObject*)

Return Value
hh, vw

fl_set_input_xoffset(*pObject*, *xoff*)

fl_get_input_xoffset(*pObject*)

Return Value
num

fl_set_input_fieldchar(*pObject*, *fldchar*)

Return Value
num

fl_get_input_topline(*pObject*)

Return Value
num

fl_get_input_screenlines(*pObject*)

Return Value
num

fl_get_input_cursorpos(*pObject*)

Return Value
num., x, y

fl_set_input_cursor_visible(*pObject*, *visible*)

fl_get_input_numberoflines(*pObject*)

Return Value
lines num

fl_get_input_format(*pObject*)

Return Value
fmt, sep

fl_get_input(*pObject*)

Return Value
input string

fl_set_input_filter(*pObject*, *py_validate*)

Return Value
input_filter func

fl_validate_input(*pObject*)

Return Value
num

fl_set_input_shortcut(*pObject*, *sstr*, *showit*)

fl_set_input_editkeymap(*pEditKeymap*)

fl_create_menu(*menutype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_menu(*menutype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_clear_menu(*pObject*)

fl_set_menu(*pObject*, *menustr*)

fl_addto_menu(*pObject*, *menustr*)

Return Value
num

fl_replace_menu_item(*pObject*, *numb*, *itemstr*)

fl_delete_menu_item(*pObject*, *numb*)

fl_set_menu_item_callback(*pObject*, *numb*, *py_cb*)

Return Value
callback

fl_set_menu_item_shortcut(*pObject*, *numb*, *itemstr*)

fl_set_menu_item_mode(*pObject*, *numb*, *mode*)

fl_show_menu_symbol(*pObject*, *show*)

fl_set_menu_popup(*pObject*, *pup*)

fl_get_menu_popup(*pObject*)

Return Value
num

fl_get_menu(*pObject*)

Return Value
num

fl_get_menu_item_text(*pObject*, *numb*)

Return Value
text string

fl_get_menu_maxitems(*pObject*)

Return Value
items num

fl_get_menu_item_mode(*pObject*, *numb*)

Return Value
mode num

fl_get_menu_text(*pObject*)

Return Value
text string

fl_set_menu_entries(*pObject*, *pPopupEntry*)

Return Value
num

fl_set_menu_notitle(*pObject*, *off*)

Return Value
num

fl_set_menu_item_id(*pObject*, *item*, *idnum*)

Return Value
num

fl_create_nmenu(*nmenutype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_nmenu(*nmenutype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_clear_nmenu(*pObject*)

Return Value
num

fl_add_nmenu_items(*pObject*, *itemstr*)

Return Value
pPopupEntry

fl_insert_nmenu_items(*pObject*, *pPopupEntry*, *itemstr*)

Return Value
pPopupEntry

fl_replace_nmenu_item(*pObject*, *pPopupEntry*, *itemstr*)

Return Value
pPopupEntry

fl_delete_nmenu_item(*pObject*, *pPopupEntry*)

Return Value
num

fl_set_nmenu_items(*pObject*, *pPopupItem*)

Return Value
pPopupEntry

fl_get_nmenu_popup(*pObject*)

Return Value
pPopup

fl_set_nmenu_popup(*pObject*, *pPopup*)

Return Value
num

fl_get_nmenu_item(*pObject*)

Return Value
pPopupReturn

fl_get_nmenu_item_by_value(*pObject*, *value*)

Return Value
pPopupEntry

fl_get_nmenu_item_by_label(*pObject*, *label*)

Return Value
pPopupEntry

fl_get_nmenu_item_by_text(*pObject*, *text*)

Return Value
pPopupEntry

fl_set_nmenu_policy(*pObject*, *num*)

Return Value
num

fl_set_nmenu_hl_text_color(*pObject*, *colr*)

Return Value
color

fl_create_positioner(*postype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_positioner(*postype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_positioner_xvalue(*pObject*, *val*)

fl_get_positioner_xvalue(*pObject*)

Return Value
floatnum

fl_set_positioner_xbounds(*pObject*, *minbound*, *maxbound*)

fl_get_positioner_xbounds(*pObject*)

Return Value
minbound, maxbound

fl_set_positioner_yvalue(*pObject*, *val*)

fl_get_positioner_yvalue(*pObject*)

Return Value
floatnum

fl_set_positioner_ybounds(*pObject*, *minbound*, *maxbound*)

fl_get_positioner_ybounds(*pObject*)

Return Value
minbound, maxbound

fl_set_positioner_xstep(*pObject*, *value*)

fl_set_positioner_ystep(*pObject*, *value*)

fl_set_positioner_return(*pObject*, *value*)

fl_create_scrollbar(*scrolltype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_scrollbar(*scrolltype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_get_scrollbar_value(*pObject*)

Return Value
floatnum

fl_set_scrollbar_value(*pObject*, *val*)

fl_set_scrollbar_size(*pObject*, *val*)

fl_set_scrollbar_increment(*pObject*, *leftbtnval*, *midlbtnval*)

fl_get_scrollbar_increment(*pObject*)

Return Value
leftbtnval, midlbtnval

fl_set_scrollbar_bounds(*pObject*, *minbound*, *maxbound*)

fl_get_scrollbar_bounds(*pObject*)

Return Value
minbound, maxbound

fl_set_scrollbar_return(*pObject*, *returnnum*)

fl_set_scrollbar_step(*pObject*, *step*)

fl_create_select(*selecttype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_select(*selecttype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_clear_select(*pObject*)

fl_add_select_items(*pObject*, *itemstr*)

Return Value
pPopupEntry

fl_insert_select_items(*pObject*, *pPopupEntry*, *itemstr*)

Return Value
pPopupEntry

fl_replace_select_item(*pObject*, *pPopupEntry*, *itemstr*)

Return Value
pPopupEntry

fl_delete_select_item(*pObject*, *pPopupEntry*)

Return Value
num

fl_set_select_items(*pObject*, *pPopupItem*)

Return Value
num

fl_get_select_popup(*pObject*)

Return Value
pPopup

fl_set_select_popup(*pObject*, *pPopup*)

Return Value
num

fl_get_select_item(*pObject*)

Return Value
pPopupReturn

fl_set_select_item(*pObject*, *pPopupEntry*)

Return Value
pPopupReturn

fl_get_select_item_by_value(*pObject*, *value*)

Return Value
pPopupEntry

fl_get_select_item_by_label(*pObject*, *label*)

Return Value
pPopupEntry

fl_get_select_item_by_text(*pObject*, *txtstr*)

Return Value
pPopupEntry

fl_get_select_text_color(*pObject*)

Return Value
color

fl_set_select_text_color(*pObject*, *colr*)

Return Value
color

fl_get_select_text_font(*pObject*)

Return Value
num, num1, num2

fl_set_select_text_font(*pObject*, *p2*, *p3*)

Return Value
font num

fl_get_select_text_align(*pObject*)

Return Value
num

fl_set_select_text_align(*pObject*, *p2*)

Return Value
num

fl_set_select_policy(*pObject*, *num*)

Return Value
num

fl_create_slider(*slidertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_slider(*slidertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_valslider(*slidertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_valslider(*slidertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_slider_value(*pObject*, *val*)

fl_get_slider_value(*pObject*)

Return Value
floatnum

fl_set_slider_bounds(*pObject*, *minbound*, *maxbound*)

fl_get_slider_bounds(*pObject*)

Return Value
minbound, maxbound

fl_set_slider_return(*pObject*, *returnnum*)

fl_set_slider_step(*pObject*, *value*)

fl_set_slider_increment(*pObject*, *leftbtnval*, *midlbtnval*)

fl_get_slider_increment(*pObject*)

Return Value
leftbtnval, midlbtnval

fl_set_slider_size(*pObject*, *size*)

fl_set_slider_precision(*pObject*, *precnum*)

fl_set_slider_filter(*pObject*, *py_filter*)

fl_create_spinner(*spinnertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_spinner(*spinnertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_get_spinner_value(*pObject*)

Return Value
floatval

fl_set_spinner_value(*pObject*, *val*)

Return Value
num

fl_set_spinner_bounds(*pObject*, *minbound*, *maxbound*)

fl_get_spinner_bounds(*pObject*)

Return Value
minbound, maxbound

fl_set_spinner_step(*pObject*, *step*)

fl_get_spinner_step(*pObject*)

Return Value
num

fl_set_spinner_precision(*pObject*, *precnum*)

fl_get_spinner_precision(*pObject*)

Return Value
num

fl_get_spinner_input(*pObject*)

Return Value
pObject

fl_get_spinner_up_button(*pObject*)

Return Value
pObject

fl_get_spinner_down_button(*pObject*)

Return Value
pObject

fl_create_tabfolder(*foldertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_tabfolder(*foldertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_addto_tabfolder(*pObject*, *title*, *pForm*)

Return Value
pObject

fl_get_tabfolder_folder_bynumber(*pObject*, *num*)

Return Value
pForm

fl_get_tabfolder_folder_byname(*pObject*, *name*)

Return Value
pForm

fl_delete_folder(*pObject*, *pForm*)

fl_delete_folder_bynumber(*pObject*, *num*)

fl_delete_folder_byname(*pObject*, *name*)

fl_set_folder(*pObject*, *pForm*)

fl_set_folder_byname(*pObject*, *name*)

fl_set_folder_bynumber(*pObject*, *num*)

fl_get_folder(*pObject*)

Return Value
pForm

fl_get_folder_number(*pObject*)

Return Value
folder num

fl_get_folder_name(*pObject*)

Return Value
name string

fl_get_tabfolder_numfolders(*pObject*)

Return Value
num

fl_get_active_folder(*pObject*)

Return Value
pForm

fl_get_active_folder_number(*pObject*)

Return Value
num

fl_get_active_folder_name(*pObject*)

Return Value
name string

fl_get_folder_area(*pObject*)

Return Value
x, y, w, h

fl_replace_folder_bynumber(*pObject*, *num*, *pForm*)

fl_set_tabfolder_autofit(*pObject*, *num*)

Return Value
num

fl_set_default_tabfolder_corner(*n*)

Return Value
num

fl_set_tabfolder_offset(*pObject*, *offset*)

Return Value
num

fl_create_text(*texttype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_text(*texttype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_get_thumbwheel_value(*pObject*)

Return Value
num

fl_set_thumbwheel_value(*pObject*, *value*)

fl_get_thumbwheel_step(*pObject*)

Return Value
num

fl_set_thumbwheel_step(*pObject*, *step*)

Return Value
num

fl_set_thumbwheel_return(*pObject*, *when*)

Return Value
num

fl_set_thumbwheel_crossover(*pObject*, *flag*)

Return Value
num

fl_set_thumbwheel_bounds(*pObject*, *minbound*, *maxbound*)

fl_get_thumbwheel_bounds(*pObject*)

Return Value
minbound, maxbound

fl_create_thumbwheel(*wheeltype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_thumbwheel(*wheeltype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_create_timer(*timertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_timer(*timertype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_timer(*pObject*, *total*)

fl_get_timer(*pObject*)

Return Value

num

fl_set_timer_countup(*pObject*, *yes*)

fl_set_timer_filter(*pObject*, *py_filter*)

Return Value

timer_filter func

fl_suspend_timer(*pObject*)

fl_resume_timer(*pObject*)

fl_setpup_entries(*popupid*, *pPopupEntry*)

Return Value

num

fl_newpup(*win*)

Return Value

num

fl_defpup(*win*, *pupstr*)

Return Value

num

fl_addtopup(*popupid*, *pupstr*)

Return Value

num

fl_setpup_mode(*popupid*, *itemval*, *mode*)

Return Value

num

fl_freepup(*popupid*)

fl_dopup(*popupid*)

Return Value

num

fl_setpup_default_cursor(*cursor*)

Return Value
cursor

fl_setpup_default_color(*fgcolr*, *bgcolr*)

fl_setpup_default_pup_checked_color(*colr*)

fl_setpup_default_pup_checked_color(colr):

fl_setpup_default_fontsize(*size*)

Return Value
num

fl_setpup_default_fontstyle(*style*)

Return Value
num

fl_setpup_fontsize(*size*)

Return Value
num

fl_setpup_fontstyle(*style*)

Return Value
num

fl_setpup_color(*fgcolr*, *bgcolr*)

fl_setpup_default_checkcolor(*colr*)

fl_setpup_default_pup_checked_color(colr):

fl_setpup_checkcolor(*colr*)

fl_setpup_default_pup_checked_color(colr):

fl_setpup_default_bw(*bw*)

Return Value
num

fl_setpup_shortcut(*popupid*, *itemval*, *hotkeystxt*)

fl_setpup_position(*x*, *y*)

fl_setpup_selection(*popupid*, *itemval*)

fl_setpup_shadow(*popupid*, *flag*)

fl_setpup_softedge(*popupid*, *flag*)

fl_setpup_bw(*popupid*, *bw*)

fl_setpup_title(*popupid*, *title*)

fl_setpup_entercb(*popupid*, *py_cb*, *data*)

Return Value
pup_entercb

fl_setpup_leavecb(*popupid*, *py_cb*, *data*)

Return Value
pup_leavecb

fl_setpup_pad(*popupid*, *padw*, *padh*)

fl_setpup_cursor(*popupid*, *cursor*)

Return Value
cursor

fl_setpup_maxpup(*newmaxnum*)

Return Value
num

fl_getpup_mode(*popupid*, *itemval*)

Return Value
num

fl_getpup_text(*popupid*, *itemval*)

Return Value
text string

fl_showpup(*popupid*)

fl_hidepup(*popupid*)

fl_getpup_items(*popupid*)

Return Value
num

fl_current_pup()

Return Value
num

fl_setpup_itemcb(*popupid*, *itemval*, *py_cb*)

Return Value
pup_cb

fl_setpup_menucb(*popupid*, *py_cb*)

Return Value
pup_cb func

fl_setpup_submenu(*popupid*, *itemval*, *subpopupid*)

fl_setpup(*popupid*, *itemval*, *mode*)

Return Value
num

fl_create_xyplot(*plottype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_add_xyplot(*plottype*, *x*, *y*, *w*, *h*, *label*)

Return Value
pObject

fl_set_xyplot_data(*pObject*, *xlist*, *ylist*, *n*, *title*, *xlabel*, *ylabel*)

fl_set_xyplot_data_double(*pObject*, *x*, *y*, *n*, *title*, *xlabel*, *ylabel*)

fl_set_xyplot_file(*pObject*, *f*, *title*, *xl*, *yl*)

Return Value
num

fl_insert_xyplot_data(*pObject*, *idnum*, *n*, *valx*, *valy*)

fl_add_xyplot_text(*pObject*, *valx*, *valy*, *text*, *al*, *colr*)

fl_delete_xyplot_text(*pObject*, *text*)

fl_set_xyplot_maxoverlays(*pObject*, *maxover*)

Return Value
num

fl_add_xyplot_overlay(*pObject*, *idnum*, *x*, *y*, *n*, *colr*)

fl_add_xyplot_overlay_file(*pObject*, *idnum*, *f*, *colr*)

Return Value
num

fl_set_xyplot_return(*pObject*, *when*)

fl_set_xyplot_xtics(*pObject*, *major*, *minor*)

fl_set_xyplot_ytics(*pObject*, *major*, *minor*)

fl_set_xyplot_xbounds(*pObject*, *minbound*, *maxbound*)

fl_set_xyplot_ybounds(*pObject*, *minbound*, *maxbound*)

fl_get_xyplot_xbounds(*pObject*)

Return Value
minbound, maxbound

fl_get_xyplot_ybounds(*pObject*)

Return Value
minbound, maxbound

fl_get_xyplot(*pObject*)

Return Value
x, y, i

fl_get_xyplot_data(*pObject*)

Return Value
x, y, n

fl_get_xyplot_data_pointer(*pObject*, *idnum*)

Return Value
x, y, n

fl_get_xyplot_overlay_data(*pObject*, *idnum*)

Return Value
x, y, n

fl_set_xyplot_overlay_type(*pObject*, *idnum*, *plottype*)

fl_delete_xyplot_overlay(*pObject*, *idnum*)

fl_set_xyplot_interpolate(*pObject*, *idnum*, *deg*, *grid*)

fl_set_xyplot_inspect(*pObject*, *yes*)

fl_set_xyplot_symbolsize(*pObject*, *n*)

fl_replace_xyplot_point(*pObject*, *i*, *valx*, *valy*)

fl_replace_xyplot_point_in_overlay(*pObject*, *i*, *setID*, *valx*, *valy*)

fl_get_xyplot_xmapping(*pObject*)

Return Value

a, b

fl_get_xyplot_ymapping(*pObject*)

Return Value

a, b

fl_set_xyplot_keys(*pObject*, *keys*, *valx*, *valy*, *align*)

fl_set_xyplot_key(*pObject*, *idnum*, *keytxt*)

fl_set_xyplot_key_position(*pObject*, *valx*, *valy*, *align*)

fl_set_xyplot_key_font(*pObject*, *style*, *size*)

fl_get_xyplot_numdata(*pObject*, *idnum*)

Return Value

num

fl_set_xyplot_fontsize(*pObject*, *size*)

fl_set_xyplot_fontstyle(*pObject*, *style*)

fl_xyplot_s2w(*pObject*, *sx*, *sy*, *wx*, *wy*)

fl_xyplot_w2s(*pObject*, *wx*, *wy*, *sx*, *sy*)

fl_set_xyplot_xscale(*pObject*, *scale*, *base*)

fl_set_xyplot_yscale(*pObject*, *scale*, *base*)

fl_clear_xyplot(*pObject*)

fl_set_xyplot_linewidth(*pObject*, *idnum*, *lw*)

fl_set_xyplot_xgrid(*pObject*, *xgrid*)

fl_set_xyplot_ygrid(*pObject*, *ygrid*)

fl_set_xyplot_grid_linestyle(*pObject*, *style*)

Return Value

num

fl_set_xyplot_alphaxtics(*pObject*, *m*, *s*)

fl_set_xyplot_alphaytics(*pObject*, *m*, *s*)

fl_set_xyplot_fixed_xaxis(*pObject*, *lm*, *rm*)

fl_set_xyplot_fixed_yaxis(*pObject*, *bm*, *tm*)

fl_interpolate(*wx*, *wy*, *nin*, *x*, *y*, *grid*, *ndeg*)

Return Value

num

fl_spline_interpolate(*wx*, *wy*, *nin*, *x*, *y*, *grid*)

Return Value

num

fl_set_xyplot_symbol(*pObject*, *idnum*, *py_symbol*)

Return Value

xyplot_symbol func

fl_set_xyplot_mark_active(*pObject*, *y*)

Return Value

num

fl_gc_()

Return Value

gc

fl_textgc_()

Return Value

gc

fl_fheight_()

Return Value
num

fl_fdesc_()

Return Value
num

fl_cur_win_()

Return Value
window

fl_cur_fs_()

Return Value
XFontStruct class

fl_textgc()

Return Value
gc

fl_gc()

Return Value
gc

fl_cur_win()

Return Value
window

fl_fheight()

Return Value
num

fl_fdesc()

Return Value
num

fl_cur_fs()

Return Value
XFontStruct class

fl_display_()

Return Value
pDisplay

fl_safe_free(*p*)

FL_RGB2GRAY(*r*, *g*, *b*)

FL_GETR(*packed*)

FL_IsRGB(*im*)

FL_IsPacked(*im*)

flimage_setup(*setup*)

flimage_load(*filename*)

Return Value
pImage

flimage_read(*pImage*)

Return Value
pImage

flimage_dump(*pImage*, *p2*, *p3*)

Return Value
num

flimage_close(*pImage*)

Return Value
num

flimage_alloc()

Return Value
pImage

flimage_getmem(*pImage*)

Return Value
num

flimage_is_supported(*p1*)

Return Value
num

flimage_description_via_filter(*pImage*, *p2*, *p3*, *p4*)

Return Value
num

flimage_write_via_filter(*pImage*, *p2*, *p3*, *p4*)

Return Value
num

flimage_free(*pImage*)

Return Value
num

flimage_display(*pImage*, *win*)

Return Value
num

flimage_sdisplay(*pImage*, *win*)

Return Value
num

flimage_convert(*pImage*, *p2*, *p3*)

Return Value
num

flimage_type_name(*flimagetype*)

Return Value
name string

flimage_add_text(*pImage*, *text*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*, *p9*, *p10*, *p11*)

Return Value
num

flimage_add_text_struct(*pImage*, *pImageText*)

Return Value
num

flimage_delete_all_text(*pImage*)

flimage_add_marker(*pImage*, *text*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*, *p9*, *p10*, *p11*)

Return Value
num

flimage_add_marker_struct(*pImage*, *pImageMarker*)

Return Value
num

flimage_define_marker(*text1*, *pImageMarker*, *text2*)

Return Value
num

flimage_delete_all_markers(*pImage*)

flimage_render_annotation(*pImage*, *win*)

Return Value
num

flimage_error(*pImage*, *text*)

flimage_enable_pnm()

flimage_set_fits_bits(*p1*)

Return Value
num

flimage_jpeg_output_options(*pImageJpegOption*)

flimage_pnm_output_options(*p1*)

flimage_gif_output_options(*p1*)

flimage_ps_options()

Return Value
flps_control class

flimage_jpeg_options(*pImageJpegOption*)

flimage_pnm_options(*p1*)

flimage_gif_options(*p1*)

flimage_get_number_of_formats()

Return Value
num

flimage_get_format_info(*p1*)

Return Value
format_info class instance

fl_get_matrix(*p1*, *p2*, *p3*)

Return Value

?

fl_make_matrix(*p1*, *p2*, *p3*, *p4*)

Return Value

?

fl_free_matrix(*p1*)

fl_init_RGBdatabase(*text*)

Return Value

num

fl_lookup_RGBcolor(*text*, *p2*, *p3*, *p4*)

Return Value

num

flimage_add_format(*p1*, *p2*, *p3*, *p4*, *py_fn5*, *py_fn6*, *py_fn7*, *py_fn8*)

Return Value

num

flimage_set_annotation_support(*p1*, *p2*)

flimage_getcolormap(*pImage*)

Return Value

num

fl_select_mediancut_quantizer()

flimage_convolve(*pImage*, *p2*, *p3*, *p4*)

Return Value

num

flimage_convolvea(*pImage*, *p2*, *p3*, *p4*)

Return Value

num

flimage_tint(*pImage*, *p2*, *p3*)

Return Value

num

flimage_rotate(*pImage*, *p2*, *p3*)

Return Value

num

flimage_flip(*pImage*, *p2*)

Return Value

num

flimage_scale(*pImage*, *p2*, *p3*, *p4*)

Return Value

num

flimage_warp(*pImage*, *p2*, *p3*, *p4*, *p5*)

Return Value

num

flimage_autocrop(*pImage*, *p2*)

Return Value

num

flimage_get_autocrop(*pImage*, *p2*, *p3*, *p4*, *p5*, *p6*)

Return Value

num

flimage_crop(*pImage*, *p2*, *p3*, *p4*, *p5*)

Return Value

num

flimage_replace_pixel(*pImage*, *p2*, *p3*)

Return Value

num

flimage_transform_pixels(*pImage*, *p2*, *p3*, *p4*)

Return Value

num

flimage_windowlevel(*pImage*, *p2*, *p3*)

Return Value

num

flimage_enhance(*pImage*, *p2*)

Return Value

num

flimage_from_pixmap(*pImage*, *pixmap*)

Return Value
num

flimage_to_pixmap(*pImage*, *win*)

Return Value
pixmap

flimage_dup(*pImage*)

Return Value
pImage

fl_get_submatrix(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*)

Return Value
?

fl_j2pass_quantize_packed(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*, *p9*, *pImage*)

Return Value
num

fl_j2pass_quantize_rgb(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*, *p9*, *p10*, *p11*, *pImage*)

Return Value
num

fl_make_submatrix(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*)

Return Value
?

fl_pack_bits(*p1*, *p2*, *p3*)

fl_unpack_bits(*p1*, *p2*, *p3*)

fl_value_to_bits(*p1*)

Return Value
num

flimage_add_comments(*pImage*, *p2*, *p3*)

flimage_color_to_pixel(*pImage*, *p2*, *p3*, *p4*, *p5*)

Return Value
num

flimage_combine(*pImage1*, *pImage2*, *p3*)

Return Value
pImage

flimage_display_markers(*pImage*)

flimage_dup_(*pImage*, *p2*)

Return Value
pImage

flimage_enable_bmp()

flimage_enable_fits()

flimage_enable_genesis()

flimage_enable_gif()

flimage_enable_gzip()

flimage_enable_jpeg()

flimage_enable_png()

flimage_enable_ps()

flimage_enable_sgi()

flimage_enable_tiff()

flimage_enable_xbm()

flimage_enable_xpm()

flimage_enable_xwd()

flimage_free_ci(*pImage*)

flimage_free_gray(*pImage*)

flimage_free_linearlut(*pImage*)

flimage_free_rgb(*pImage*)

flimage_freemem(*pImage*)

flimage_get_closest_color_from_map(*pImage*, *p2*)

Return Value
num

flimage_get_linearlut(*pImage*)

Return Value
num

flimage_invalidate_pixels(*pImage*)

flimage_open(*filename*)

Return Value
pImage

flimage_read_annotation(*pImage*)

Return Value
num

flimage_replace_image(*pImage*, *p2*, *p3*, *p4*, *p5*, *p6*)

flimage_swapbuffer(*pImage*)

Return Value
num

flimage_to_ximage(*pImage*, *win*, *pXWindowAttributes*)

Return Value
num

flimage_write_annotation(*pImage*)

Return Value
num

flps_apply_gamma(*p1*)

flps_arc(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*)

flps_circ(*p1*, *p2*, *p3*, *p4*, *p5*)

flps_color(*p1*)

flps_draw_box(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*)

flps_draw_checkbox(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*)

flps_draw_frame(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*)

flps_draw_symbol(*text*, *p2*, *p3*, *p4*, *p5*, *p6*)

Return Value

num

flps_draw_tbox(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*)

flps_draw_text(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*, *text*)

flps_draw_text_beside(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*, *text*)

flps_emit_header(*text*, *p2*, *p3*, *p4*, *p5*, *p6*)

flps_emit_prolog()

flps_get_gray255(*p1*)

Return Value

num

flps_get_linestyle()

Return Value

num

flps_get_linewidth()

Return Value

width num

flps_get_namedcolor(*colrname*)

Return Value

num

flps_invalidate_color_cache()

flps_invalidate_font_cache()

flps_invalidate_linewidth_cache()

flps_invalidate_symbol_cache()

flps_line(*p1*, *p2*, *p3*, *p4*, *p5*)

flps_lines(*pPoint*, *p2*, *p3*)

flps_linestyle(*p1*)

flps_linewidth(*p1*)

flps_log(*p1*)

flps_output(*p1*)

flps_oval(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*)

flps_pieslice(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*, *p7*, *p8*)

flps_poly(*p1*, *pPoint*, *p3*, *p4*)

flps_rectangle(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*)

flps_reset_cache()

flps_reset_linewidth()

flps_restore_flps()

flps_rgbcolor(*p1*, *p2*, *p3*)

flps_roundrectangle(*p1*, *p2*, *p3*, *p4*, *p5*, *p6*)

flps_set_clipping(*p1*, *p2*, *p3*, *p4*)

flps_set_font(*p1*, *p2*)

flps_unset_clipping()

XClearWindow(*pDisplay*, *win*)

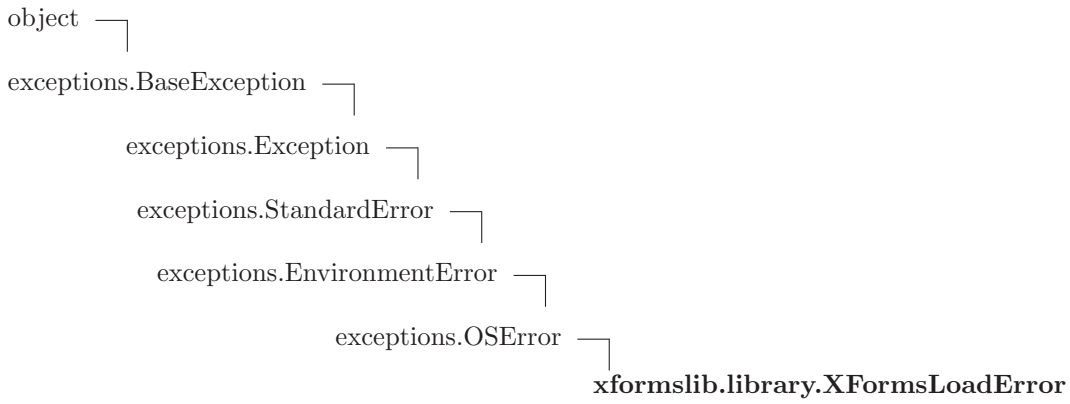
Return Value

num

1.2 Variables

Name	Description
__mainversion__	**Value:** `'0.3.1'`
__vers_against_xforms__	**Value:** `'1.0.93pre1'`
header_filename	**Value:** `'/usr/include/forms.h'`
loaded_xlibraries	**Value:** {`'libflimage': None, 'libforms': None, 'libformsgl': None...`
CANVASTYPE_list	**Value:** `[0, 1]`
CHARTTYPE_list	**Value:** `[0, 1, 2, 3, 4, 5, 6, 3]`
CHOICETYPE_list	**Value:** `[0, 1, 2, 3, 0]`
CLOCKTYPE_list	**Value:** `[0, 1]`
COUNTERTYPE_list	**Value:** `[0, 1]`
DIALTYPE_list	**Value:** `[0, 1, 2]`
FORMBRWSTYPE_list	**Value:** `[0]`
FRAMETYPE_list	**Value:** `[0, 1, 2, 3, 4, 5, 6, 7, 8]`
FREETYPE_list	**Value:** `[0, 1, 2, 3, 4, 1]`
NMENUTYPE_list	**Value:** `[0, 1, 2, 3]`
POSITIONERTYPE_list	**Value:** `[0, 1, 2]`
SELECTTYPE_list	**Value:** `[0, 1, 2]`
SLIDERTYPE_list	**Value:** `[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 10, 11, 12, 13, 14...`
SPINNERTYPE_list	**Value:** `[0, 1]`
TABFOLDERTYPE_list	**Value:** `[0, 1, 2, 3, 0]`
TEXTTYPE_list	**Value:** `[0]`
THUMBWHEELTYPE_list	**Value:** `[0, 1]`
TIMERTYPE_list	**Value:** `[0, 1, 2]`
XYPLOTTYPE_list	**Value:** `[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]`
__package__	**Value:** `'xformslib'`

1.3 Class XFormsLoadError



Error in loading shared object library

1.3.1 Methods

Inherited from exceptions.OSError

__init__(), __new__()

Inherited from exceptions.EnvironmentError

__reduce__(), __str__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

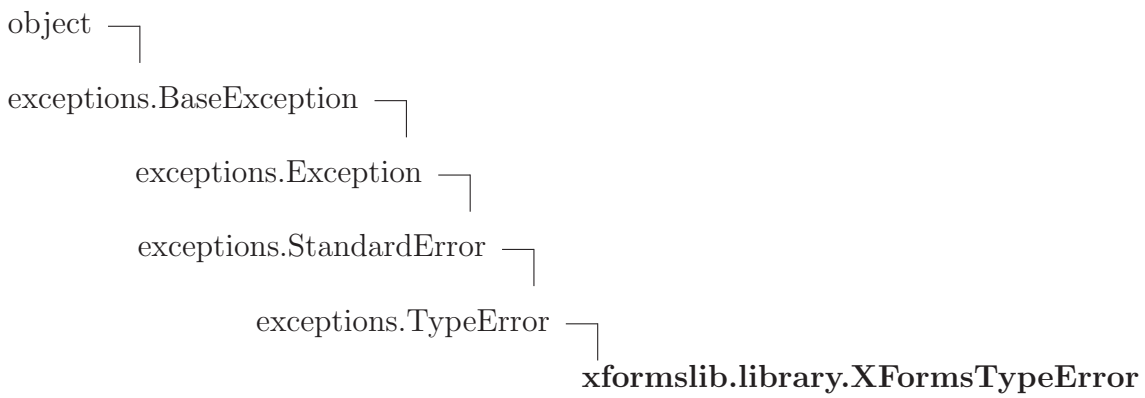
Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

1.3.2 Properties

Name	Description
Inherited from exceptions.EnvironmentError errno, filename, strerror	
Inherited from exceptions.BaseException args, message	
Inherited from object __class__	

1.4 Class XFormsTypeError



Generic error for type mismatch

1.4.1 Methods

Inherited from exceptions.TypeError

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __str__(), __unicode__()

Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

1.4.2 Properties

Name	Description
Inherited from exceptions.BaseException args, message	
Inherited from object __class__	

2 Module xformslib.xfdata

xforms-python Python wrapper for XForms (X11) GUI C toolkit library using ctypes

Copyright (C) 2009 Luca Lazzaroni "LukenShiro" <lukenshiro@ngi.it>

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See CREDITS file to read XForms, ctypes and other acknowledgements and thanks.

2.1 Variables

Name	Description
FL_VERSION	**Value:** `1`
FL_REVISION	**Value:** `0`
FL_FIXLEVEL	**Value:** `'93pre1'`
FL_INCLUDE_VERSION	**Value:** `1000`
INT_MAX	**Value:** `2147483647`
FL_ON	**Value:** `1`
FL_OK	**Value:** `1`
FL_VALID	**Value:** `1`
FL_PREEMPT	**Value:** `1`
FL_AUTO	**Value:** `2`
FL_WHEN_NEEDED	**Value:** `2`
FL_OFF	**Value:** `0`
FL_CANCEL	**Value:** `0`
FL_INVALID	**Value:** `0`
FL_IGNORE	**Value:** `-1`
FL_PATH_MAX	**Value:** `1024`
FL_COORD_PIXEL	**Value:** `0`
FL_COORD_MM	**Value:** `1`
FL_COORD_POINT	**Value:** `2`
FL_COORD_centiMM	**Value:** `3`
FL_COORD_centiPOINT	**Value:** `4`
FL_INVALID_CLASS	**Value:** `0`
FL_BUTTON	**Value:** `1`

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Name	Description
FL_LIGHTBUTTON	**Value:** 2
FL_ROUNDBUTTON	**Value:** 3
FL_ROUND3DBUTTON	**Value:** 4
FL_CHECKBUTTON	**Value:** 5
FL_BITMAPBUTTON	**Value:** 6
FL_PIXMAPBUTTON	**Value:** 7
FL_BITMAP	**Value:** 8
FL_PIXMAP	**Value:** 9
FL_BOX	**Value:** 10
FL_TEXT	**Value:** 11
FL_MENU	**Value:** 12
FL_CHART	**Value:** 13
FL_CHOICE	**Value:** 14
FL_COUNTER	**Value:** 15
FL_SLIDER	**Value:** 16
FL_VALSLIDER	**Value:** 17
FL_INPUT	**Value:** 18
FL_BROWSER	**Value:** 19
FL_DIAL	**Value:** 20
FL_TIMER	**Value:** 21
FL_CLOCK	**Value:** 22
FL_POSITIONER	**Value:** 23
FL_FREE	**Value:** 24
FL_XYPLOT	**Value:** 25
FL_FRAME	**Value:** 26
FL_LABELFRAME	**Value:** 27
FL_CANVAS	**Value:** 28
FL_GLCANVAS	**Value:** 29
FL_TABFOLDER	**Value:** 30
FL_SCROLLBAR	**Value:** 31
FL_SCROLLBUTTON	**Value:** 32
FL_MENUBAR	**Value:** 33
FL_TEXTBOX	**Value:** 34
FL_LABELBUTTON	**Value:** 35
FL_COMBOBOX	**Value:** 36
FL_IMAGECANVAS	**Value:** 37
FL_THUMBWHEEL	**Value:** 38
FL_COLORWHEEL	**Value:** 39
FL_FORMBROWSER	**Value:** 40
FL_SELECT	**Value:** 41
FL_NMENU	**Value:** 42
FL_SPINNER	**Value:** 43

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Name	Description
FL_TBOX	**Value:** 44
FL_CLASS_END	**Value:** 45
FL_BEGIN_GROUP	**Value:** 10000
FL_END_GROUP	**Value:** 20000
FL_USER_CLASS_START	**Value:** 1001
FL_USER_CLASS_END	**Value:** 9999
FL_MAX_BW	**Value:** 10
FL_PLACE_FREE	**Value:** 0
FL_PLACE_MOUSE	**Value:** 1
FL_PLACE_CENTER	**Value:** 2
FL_PLACE_POSITION	**Value:** 4
FL_PLACE_SIZE	**Value:** 8
FL_PLACE_GEOMETRY	**Value:** 16
FL_PLACE_ASPECT	**Value:** 32
FL_PLACE_FULLSCREEN	**Value:** 64
FL_PLACE_HOTSPOT	**Value:** 128
FL_PLACE_ICONIC	**Value:** 256
FL_FREE_SIZE	**Value:** 16384
FL_FIX_SIZE	**Value:** 32768
FL_PLACE_FREE_CENTER	**Value:** 16386
FL_PLACE_CENTERFREE	**Value:** 16386
PLACE_list	**Value:** [0, 1, 2, 4, 8, 16, 32, 64, 128, 256, 16384, 32768, 16386...
FL_FULLBORDER	**Value:** 1
FL_TRANSIENT	**Value:** 2
FL_NOBORDER	**Value:** 3
DECORATION_list	**Value:** [1, 2, 3]
FL_NO_BOX	**Value:** 0
FL_UP_BOX	**Value:** 1
FL_DOWN_BOX	**Value:** 2
FL_BORDER_BOX	**Value:** 3
FL_SHADOW_BOX	**Value:** 4
FL_FRAME_BOX	**Value:** 5
FL_ROUNDED_BOX	**Value:** 6
FL_EMBOSSED_BOX	**Value:** 7
FL_FLAT_BOX	**Value:** 8
FL_RFLAT_BOX	**Value:** 9
FL_RSHADOW_BOX	**Value:** 10

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Name	Description
FL_OVAL_BOX	**Value:** 11
FL_ROUNDED3D_UPBOX	**Value:** 12
FL_ROUNDED3D_DOWNBOX	**Value:** 13
FL_OVAL3D_UPBOX	**Value:** 14
FL_OVAL3D_DOWNBOX	**Value:** 15
FL_OVAL3D_FRAMEBOX	**Value:** 16
FL_OVAL3D_EMBOSSEDBOX	**Value:** 17
FL_TOPTAB_UPBOX	**Value:** 18
FL_SELECTED_TOPTAB_UPBOX	**Value:** 19
FL_BOTTOMTAB_UPBOX	**Value:** 20
FL_SELECTED_BOTTOMTAB_UPBOX	**Value:** 21
FL_MAX_BOX_STYLES	**Value:** 23
BOXTYPE_list	**Value:** [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16...
FL_ALIGN_CENTER	**Value:** 0
FL_ALIGN_TOP	**Value:** 1
FL_ALIGN_BOTTOM	**Value:** 2
FL_ALIGN_LEFT	**Value:** 4
FL_ALIGN_RIGHT	**Value:** 8
FL_ALIGN_LEFT_TOP	**Value:** 5
FL_ALIGN_RIGHT_TOP	**Value:** 9
FL_ALIGN_LEFT_BOTTOM	**Value:** 6
FL_ALIGN_RIGHT_BOTTOM	**Value:** 10
FL_ALIGN_INSIDE	**Value:** 8192
FL_ALIGN_VERT	**Value:** 16384
FL_ALIGN_TOP_LEFT	**Value:** 5
FL_ALIGN_TOP_RIGHT	**Value:** 9
FL_ALIGN_BOTTOM_LEFT	**Value:** 6
FL_ALIGN_BOTTOM_RIGHT	**Value:** 10
ALIGN_list	**Value:** [0, 1, 2, 4, 8, 5, 9, 6, 10, 8192, 16384]

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Name	Description
FL_MBUTTON1	**Value:** 1
FL_MBUTTON2	**Value:** 2
FL_MBUTTON3	**Value:** 3
FL_MBUTTON4	**Value:** 4
FL_MBUTTON5	**Value:** 5
FL_LEFT_MOUSE	**Value:** 1
FL_MIDDLE_MOUSE	**Value:** 2
FL_RIGHT_MOUSE	**Value:** 3
FL_SCROLLUP_MOUSE	**Value:** 4
FL_SCROLLDOWN_MOUSE	**Value:** 5
FL_LEFTMOUSE	**Value:** 1
FL_MIDDLEMOUSE	**Value:** 2
FL_RIGHTMOUSE	**Value:** 3
FL_SCROLLUPMOUSE	**Value:** 4
FL_SCROLLDOWNMOUSE	**Value:** 5
MOUSEBTN_list	**Value:** [1, 2, 3, 4, 5, 1, 2, 3, 4, 5, 1, 2, 3, 4, 5]
FL_RETURN_NONE	**Value:** 0
FL_RETURN_CHANGED	**Value:** 1
FL_RETURN_END	**Value:** 2
FL_RETURN_END_CHANGED	**Value:** 4
FL_RETURN_SELECTION	**Value:** 8
FL_RETURN_DESELECTION	**Value:** 16
FL_RETURN_TRIGGERED	**Value:** 1024
FL_RETURN_ALWAYS	**Value:** -5
RETURN_list	**Value:** [0, 1, 2, 4, 8, 16, 1024, -5]
FL_BLACK	**Value:** 0
FL_RED	**Value:** 1
FL_GREEN	**Value:** 2
FL_YELLOW	**Value:** 3
FL_BLUE	**Value:** 4
FL_MAGENTA	**Value:** 5
FL_CYAN	**Value:** 6
FL_WHITE	**Value:** 7
FL_TOMATO	**Value:** 8
FL_INDIANRED	**Value:** 9

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Name	Description
FL_SLATEBLUE	**Value:** 10
FL_COL1	**Value:** 11
FL_RIGHT_BCOL	**Value:** 12
FL_BOTTOM_BCOL	**Value:** 13
FL_TOP_BCOL	**Value:** 14
FL_LEFT_BCOL	**Value:** 15
FL_MCOL	**Value:** 16
FL_INACTIVE	**Value:** 17
FL_PALEGREEN	**Value:** 18
FL_DARKGOLD	**Value:** 19
FL_ORCHID	**Value:** 20
FL_DARKCYAN	**Value:** 21
FL_DARKTOMATO	**Value:** 22
FL_WHEAT	**Value:** 23
FL_DARKORANGE	**Value:** 24
FL_DEEPPINK	**Value:** 25
FL_CHARTREUSE	**Value:** 26
FL_DARKVIOLET	**Value:** 27
FL_SPRINGGREEN	**Value:** 28
FL_DODGERBLUE	**Value:** 29
FL_LIGHTER_COL1	**Value:** 30
FL_DARKER_COL1	**Value:** 31
FL_ALICEBLUE	**Value:** 32
FL_ANTIQUEWHITE	**Value:** 33
FL_AQUA	**Value:** 34
FL_AQUAMARINE	**Value:** 35
FL_AZURE	**Value:** 36
FL_BEIGE	**Value:** 37
FL_BISQUE	**Value:** 38
FL_BLANCHEDALMOND	**Value:** 39
FL_BLUEVIOLET	**Value:** 40
FL_BROWN	**Value:** 41
FL_BURLYWOOD	**Value:** 42
FL_CADETBLUE	**Value:** 43
FL_CHOCOLATE	**Value:** 44
FL_CORAL	**Value:** 45
FL_CORNFLOWERBLUE	**Value:** 46
FL_CORNSILK	**Value:** 47
FL_CRIMSON	**Value:** 48
FL_DARKBLUE	**Value:** 49

continued on next page

Name	Description
FL_DARKGOLDENROD	**Value:** 50
FL_DARKGRAY	**Value:** 51
FL_DARKGREEN	**Value:** 52
FL_DARKGREY	**Value:** 53
FL_DARKKHAKI	**Value:** 54
FL_DARKMAGENTA	**Value:** 55
FL_DARKOLIVEGREEN	**Value:** 56
FL_DARKORCHID	**Value:** 57
FL_DARKRED	**Value:** 58
FL_DARKSALMON	**Value:** 59
FL_DARKSEAGREEN	**Value:** 60
FL_DARKSLATEBLUE	**Value:** 61
FL_DARKSLATEGRAY	**Value:** 62
FL_DARKSLATEGREY	**Value:** 63
FL_DARKTURQUOISE	**Value:** 64
FL_DEEPSKYBLUE	**Value:** 65
FL_DIMGRAY	**Value:** 66
FL_DIMGREY	**Value:** 67
FL_FIREBRICK	**Value:** 68
FL_FLORALWHITE	**Value:** 69
FL_FORESTGREEN	**Value:** 70
FL_FUCHSIA	**Value:** 71
FL_GAINSBORO	**Value:** 72
FL_GHOSTWHITE	**Value:** 73
FL_GOLD	**Value:** 74
FL_GOLDENROD	**Value:** 75
FL_GRAY	**Value:** 76
FL_GREENYELLOW	**Value:** 77
FL_GREY	**Value:** 78
FL_HONEYDEW	**Value:** 79
FL_HOTPINK	**Value:** 80
FL_INDIGO	**Value:** 81
FL_IVORY	**Value:** 82
FL_KHAKI	**Value:** 83
FL_LAVENDER	**Value:** 84
FL_LAVENDERBLUSH	**Value:** 85
FL_LAWNGREEN	**Value:** 86
FL_LEMONCHIFFON	**Value:** 87
FL_LIGHTBLUE	**Value:** 88
FL_LIGHTCORAL	**Value:** 89
FL_LIGHTCYAN	**Value:** 90
FL_LIGHTGOLDENROD-YELLOW	**Value:** 91

continued on next page

Name	Description
FL_LIGHTGRAY	**Value:** 92
FL_LIGHTGREEN	**Value:** 93
FL_LIGHTGREY	**Value:** 94
FL_LIGHTPINK	**Value:** 95
FL_LIGHTSALMON	**Value:** 96
FL_LIGHTSEAGREEN	**Value:** 97
FL_LIGHTSKYBLUE	**Value:** 98
FL_LIGHTSLATEGRAY	**Value:** 99
FL_LIGHTSLATEGREY	**Value:** 100
FL_LIGHTSTEELBLUE	**Value:** 101
FL_LIGHTYELLOW	**Value:** 102
FL_LIME	**Value:** 103
FL_LIMEGREEN	**Value:** 104
FL_LINEN	**Value:** 105
FL_MAROON	**Value:** 106
FL_MEDIUMAQUAMARINE	**Value:** 107
FL_MEDIUMBLUE	**Value:** 108
FL_MEDIUMORCHID	**Value:** 109
FL_MEDIUMPURPLE	**Value:** 110
FL_MEDIUMSEAGREEN	**Value:** 111
FL_MEDIUMSLATEBLUE	**Value:** 112
FL_MEDIUMSPRINGGREEN	**Value:** 113
FL_MEDIUMTURQUOISE	**Value:** 114
FL_MEDIUMVIOLETRED	**Value:** 115
FL_MIDNIGHTBLUE	**Value:** 116
FL_MINTCREAM	**Value:** 117
FL_MISTYROSE	**Value:** 118
FL_MOCCASIN	**Value:** 119
FL_NAVAJOWHITE	**Value:** 120
FL_NAVY	**Value:** 121
FL_OLDLACE	**Value:** 122
FL_OLIVE	**Value:** 123
FL_OLIVEDRAB	**Value:** 124
FL_ORANGE	**Value:** 125
FL_ORANGERED	**Value:** 126
FL_PALEGOLDENROD	**Value:** 127
FL_PALETURQUOISE	**Value:** 128

continued on next page

Name	Description
FL_PALEVIOLETRED	**Value:** 129
FL_PAPAYAWHIP	**Value:** 130
FL_PEACHPUFF	**Value:** 131
FL_PERU	**Value:** 132
FL_PINK	**Value:** 133
FL_PLUM	**Value:** 134
FL_POWDERBLUE	**Value:** 135
FL_PURPLE	**Value:** 136
FL_ROSYBROWN	**Value:** 137
FL_ROYALBLUE	**Value:** 138
FL_SADDLEBROWN	**Value:** 139
FL_SALMON	**Value:** 140
FL_SANDYBROWN	**Value:** 141
FL_SEAGREEN	**Value:** 142
FL_SEASHELL	**Value:** 143
FL_SIENNA	**Value:** 144
FL_SILVER	**Value:** 145
FL_SKYBLUE	**Value:** 146
FL_SLATEGRAY	**Value:** 147
FL_SLATEGREY	**Value:** 148
FL_SNOW	**Value:** 149
FL_STEELBLUE	**Value:** 150
FL_TAN	**Value:** 151
FL_TEAL	**Value:** 152
FL_THISTLE	**Value:** 153
FL_TURQUOISE	**Value:** 154
FL_VIOLET	**Value:** 155
FL_WHITESMOKE	**Value:** 156
FL_YELLOWGREEN	**Value:** 157
FL_FREE_COL1	**Value:** 256
FL_FREE_COL2	**Value:** 257
FL_FREE_COL3	**Value:** 258
FL_FREE_COL4	**Value:** 259
FL_FREE_COL5	**Value:** 260
FL_FREE_COL6	**Value:** 261
FL_FREE_COL7	**Value:** 262
FL_FREE_COL8	**Value:** 263
FL_FREE_COL9	**Value:** 264
FL_FREE_COL10	**Value:** 265
FL_FREE_COL11	**Value:** 266
FL_FREE_COL12	**Value:** 267
FL_FREE_COL13	**Value:** 268

continued on next page

Name	Description
FL_FREE_COL14	**Value:** 269
FL_FREE_COL15	**Value:** 270
FL_FREE_COL16	**Value:** 271
FL_NOCOLOR	**Value:** 2147483647
FL_BUILT_IN_COLS	**Value:** 158
FL_INACTIVE_COL	**Value:** 17
FL_GRAY16	**Value:** 12
FL_GRAY35	**Value:** 13
FL_GRAY80	**Value:** 14
FL_GRAY90	**Value:** 15
FL_GRAY63	**Value:** 11
FL_GRAY75	**Value:** 16
FL_LCOL	**Value:** 0
FL_NoColor	**Value:** 2147483647
FL_DOGERBLUE	**Value:** 29
COLOR_list	**Value:** [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16...
FL_NOEVENT	**Value:** 0
FL_DRAW	**Value:** 1
FL_PUSH	**Value:** 2
FL_RELEASE	**Value:** 3
FL_ENTER	**Value:** 4
FL_LEAVE	**Value:** 5
FL_MOTION	**Value:** 6
FL_FOCUS	**Value:** 7
FL_UNFOCUS	**Value:** 8
FL_KEYPRESS	**Value:** 9
FL_UPDATE	**Value:** 10
FL_STEP	**Value:** 11
FL_SHORTCUT	**Value:** 12
FL_FREEMEM	**Value:** 13
FL_OTHER	**Value:** 14
FL_DRAWLABEL	**Value:** 15
FL_DBLCLICK	**Value:** 16
FL_TRPLCLICK	**Value:** 17
FL_ATTRIB	**Value:** 18
FL_KEYRELEASE	**Value:** 19
FL_PS	**Value:** 20
FL_MOVEORIGIN	**Value:** 21
FL_RESIZED	**Value:** 22
FL_MOVE	**Value:** 6
FL_KEYBOARD	**Value:** 9

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Name	Description
FL_MOUSE	**Value:** 10
FL_RESIZE_NONE	**Value:** 0
FL_RESIZE_X	**Value:** 1
FL_RESIZE_Y	**Value:** 2
FL_RESIZE_ALL	**Value:** 3
RESIZE_list	**Value:** [0, 1, 2, 3]
FL_KEY_NORMAL	**Value:** 1
FL_KEY_TAB	**Value:** 2
FL_KEY_SPECIAL	**Value:** 4
FL_KEY_ALL	**Value:** 7
FL_ALT_MASK	**Value:** 33554432
FL_CONTROL_MASK	**Value:** 67108864
FL_SHIFT_MASK	**Value:** 134217728
FL_ALT_VAL	**Value:** 33554432
MAX_SHORTCUTS	**Value:** 8
KEY_list	**Value:** [1, 2, 4, 7, 33554432, 67108864, 134217728]
FL_PUP_NONE	**Value:** 0
FL_PUP_GREY	**Value:** 1
FL_PUP_BOX	**Value:** 2
FL_PUP_CHECK	**Value:** 4
FL_PUP_RADIO	**Value:** 8
FL_PUP_GRAY	**Value:** 1
FL_PUP_TOGGLE	**Value:** 2
FL_PUP_INACTIVE	**Value:** 1
PUP_list	**Value:** [0, 1, 2, 4, 8, 1, 2, 1]
FL_MAXFONTS	**Value:** 48
FL_INVALID_STYLE	**Value:** -1
FL_NORMAL_STYLE	**Value:** 0
FL_BOLD_STYLE	**Value:** 1
FL_ITALIC_STYLE	**Value:** 2
FL_BOLDITALIC_STYLE	**Value:** 3
FL_FIXED_STYLE	**Value:** 4
FL_FIXEDBOLD_STYLE	**Value:** 5
FL_FIXEDITALIC_STYLE	**Value:** 6
FL_FIXEDBOLDITALIC_STYLE	**Value:** 7
FL_TIMES_STYLE	**Value:** 8
FL_TIMESBOLD_STYLE	**Value:** 9
FL_TIMESITALIC_STYLE	**Value:** 10

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Name	Description
FL_TIMESBOLDITALIC_-STYLE	**Value:** `11`
FL_MISC_STYLE	**Value:** `12`
FL_MISCBOLD_STYLE	**Value:** `13`
FL_MISCITALIC_STYLE	**Value:** `14`
FL_SYMBOL_STYLE	**Value:** `15`
FL_SHADOW_STYLE	**Value:** `512`
FL_ENGRAVED_STYLE	**Value:** `1024`
FL_EMBOSSED_STYLE	**Value:** `2048`
TEXTSTYLE_list	**Value:** `[-1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15...`
FL_TINY_SIZE	**Value:** `8`
FL_SMALL_SIZE	**Value:** `10`
FL_NORMAL_SIZE	**Value:** `12`
FL_MEDIUM_SIZE	**Value:** `14`
FL_LARGE_SIZE	**Value:** `18`
FL_HUGE_SIZE	**Value:** `24`
FL_DEFAULT_SIZE	**Value:** `10`
SIZE_list	**Value:** `[8, 10, 12, 14, 18, 24, 10]`
FL_TINY_FONT	**Value:** `8`
FL_SMALL_FONT	**Value:** `10`
FL_NORMAL_FONT	**Value:** `12`
FL_MEDIUM_FONT	**Value:** `14`
FL_LARGE_FONT	**Value:** `18`
FL_HUGE_FONT	**Value:** `24`
FL_NORMAL_FONT1	**Value:** `10`
FL_NORMAL_FONT2	**Value:** `12`
FL_DEFAULT_FONT	**Value:** `10`
FL_BOUND_WIDTH	**Value:** `c_int(1)`
FL_CLICK_TIMEOUT	**Value:** `400`
FL_EVENT	**Value:** `cty.POINTER(FL_OBJECT)()`
FL_BEING_HIDDEN	**Value:** `-1`
FL_HIDDEN	**Value:** `0`
FL_INVISIBLE	**Value:** `0`
FL_VISIBLE	**Value:** `1`
VISIBLE_list	**Value:** `[-1, 0, 0, 1]`
FL_READ	**Value:** `1`
FL_WRITE	**Value:** `2`
FL_EXCEPT	**Value:** `4`
ASYNCIO_list	**Value:** `[1, 2, 4]`
fl_current_form	**Value:** `cty.POINTER(FL_FORM)()`

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Name	Description
FL_MAX_MENU_CHOIC-E_ITEMS	**Value:** `128`
FL_XOR	**Value:** `6`
FL_COPY	**Value:** `3`
FL_AND	**Value:** `1`
DRAWMODE_list	**Value:** `[6, 3, 1]`
FL_MINDEPTH	**Value:** `1`
FL_IllegalVisual	**Value:** `-1`
FL_StaticGray	**Value:** `0`
FL_GrayScale	**Value:** `1`
FL_StaticColor	**Value:** `2`
FL_PseudoColor	**Value:** `3`
FL_TrueColor	**Value:** `4`
FL_DirectColor	**Value:** `5`
FL_DefaultVisual	**Value:** `10`
TrueColor	**Value:** `4`
DirectColor	**Value:** `5`
GrayScale	**Value:** `1`
GreyScale	**Value:** `1`
StaticGray	**Value:** `0`
StaticGrey	**Value:** `0`
FL_North	**Value:** `2`
FL_NorthEast	**Value:** `3`
FL_NorthWest	**Value:** `1`
FL_South	**Value:** `8`
FL_SouthEast	**Value:** `9`
FL_SouthWest	**Value:** `7`
FL_East	**Value:** `6`
FL_West	**Value:** `4`
FL_NoGravity	**Value:** `0`
FL_ForgetGravity	**Value:** `0`
GRAVITY_list	**Value:** `[2, 3, 1, 8, 9, 7, 6, 4, 0, 0]`
FL_MAX_COLORS	**Value:** `1024`
FL_MAX_COLS	**Value:** `1024`
fl_display	**Value:** `cty.POINTER(Display)()`
fl_screen	**Value:** `c_int(0)`
fl_root	**Value:** `c_ulong(0L)`
fl_vroot	**Value:** `c_ulong(0L)`
fl_scrh	**Value:** `c_int(0)`
fl_scrw	**Value:** `c_int(0)`
fl_vmode	**Value:** `c_int(0)`
fl_state	**Value:** `cty.POINTER(FL_State)()`

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Name	Description
fl_ul_magic_char	**Value:** `c_char_p(None)`
FL_MAX_FONTSIZES	**Value:** `10`
FL_SOLID	**Value:** `0`
FL_USERDASH	**Value:** `1`
FL_USERDOUBLEDASH	**Value:** `2`
FL_DOT	**Value:** `3`
FL_DOTDASH	**Value:** `4`
FL_DASH	**Value:** `5`
FL_LONGDASH	**Value:** `6`
LINE_list	**Value:** `[0, 1, 2, 3, 4, 5, 6]`
NoEventMask	**Value:** `0`
KeyPressMask	**Value:** `1`
KeyReleaseMask	**Value:** `2`
ButtonPressMask	**Value:** `4`
ButtonReleaseMask	**Value:** `8`
EnterWindowMask	**Value:** `16`
LeaveWindowMask	**Value:** `32`
PointerMotionMask	**Value:** `64`
PointerMotionHintMask	**Value:** `128`
Button1MotionMask	**Value:** `256`
Button2MotionMask	**Value:** `512`
Button3MotionMask	**Value:** `1024`
Button4MotionMask	**Value:** `2048`
Button5MotionMask	**Value:** `4096`
ButtonMotionMask	**Value:** `8192`
KeymapStateMask	**Value:** `16384`
ExposureMask	**Value:** `32768`
VisibilityChangeMask	**Value:** `65536`
StructureNotifyMask	**Value:** `131072`
ResizeRedirectMask	**Value:** `262144`
SubstructureNotifyMask	**Value:** `524288`
SubstructureRedirectMask	**Value:** `1048576`
FocusChangeMask	**Value:** `2097152`
ColormapChangeMask	**Value:** `8388608`
OwnerGrabButtonMask	**Value:** `16777216`
ShiftMask	**Value:** `1`
LockMask	**Value:** `2`
ControlMask	**Value:** `4`
Mod1Mask	**Value:** `8`
Mod2Mask	**Value:** `16`
Mod3Mask	**Value:** `32`
Mod4Mask	**Value:** `64`

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Name	Description
Mod5Mask	**Value:** 128
Button1Mask	**Value:** 256
Button2Mask	**Value:** 512
Button3Mask	**Value:** 1024
Button4Mask	**Value:** 2048
Button5Mask	**Value:** 4096
AnyModifier	**Value:** 32768
FL_ALL_EVENT	**Value:** 8319
FL_NONE	**Value:** 0
FL_SHORT	**Value:** 10
FL_BOOL	**Value:** 11
FL_INT	**Value:** 12
FL_LONG	**Value:** 13
FL_FLOAT	**Value:** 14
FL_STRING	**Value:** 15
RTYPE_list	**Value:** [0, 10, 11, 12, 13, 14, 15]
XrmoptionNoArg	**Value:** 0
XrmoptionIsArg	**Value:** 1
XrmoptionStickyArg	**Value:** 2
XrmoptionSepArg	**Value:** 3
XrmoptionResArg	**Value:** 4
XrmoptionSkipArg	**Value:** 5
XrmoptionSkipLine	**Value:** 6
XrmoptionSkipNArgs	**Value:** 7
my_fl_iopt	**Value:** FL_IOPT()
buttonLabelSize	**Value:** 0
sliderLabelSize	**Value:** 0
inputLabelSize	**Value:** 0
FL_PDDepth	**Value:** 2
FL_PDClass	**Value:** 4
FL_PDDouble	**Value:** 8
FL_PDSync	**Value:** 16
FL_PDPrivateMap	**Value:** 32
FL_PDScrollbarType	**Value:** 64
FL_PDPupFontSize	**Value:** 128
FL_PDButtonFontSize	**Value:** 256
FL_PDInputFontSize	**Value:** 512
FL_PDSliderFontSize	**Value:** 1024
FL_PDVisual	**Value:** 2048
FL_PDULThickness	**Value:** 4096
FL_PDULPropWidth	**Value:** 8192
FL_PDBS	**Value:** 16384

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Name	Description
FL_PDCoordUnit	**Value:** 32768
FL_PDDebug	**Value:** 65536
FL_PDSharedMap	**Value:** 131072
FL_PDStandardMap	**Value:** 262144
FL_PDBorderWidth	**Value:** 524288
FL_PDSafe	**Value:** 1048576
FL_PDMenuFontSize	**Value:** 2097152
FL_PDBrowserFontSize	**Value:** 4194304
FL_PDChoiceFontSize	**Value:** 8388608
FL_PDLabelFontSize	**Value:** 16777216
FL_PDButtonLabelSize	**Value:** 256
FL_PDSliderLabelSize	**Value:** 1024
FL_PDInputLabelSize	**Value:** 512
FL_PDButtonLabel	**Value:** 256
FL_POPUP_NORMAL_SELECT	**Value:** 0
FL_POPUP_DRAG_SELECT	**Value:** 1
FL_POPUP_NONE	**Value:** 0
FL_POPUP_DISABLED	**Value:** 1
FL_POPUP_HIDDEN	**Value:** 2
FL_POPUP_CHECKED	**Value:** 4
FL_POPUP_NORMAL	**Value:** 0
FL_POPUP_TOGGLE	**Value:** 1
FL_POPUP_RADIO	**Value:** 2
FL_POPUP_SUB	**Value:** 3
FL_POPUP_LINE	**Value:** 4
FL_POPUP_BACKGROUND_COLOR	**Value:** 0
FL_POPUP_HIGHLIGHT_COLOR	**Value:** 1
FL_POPUP_TITLE_COLOR	**Value:** 2
FL_POPUP_TEXT_COLOR	**Value:** 3
FL_POPUP_HIGHLIGHT_TEXT_COLOR	**Value:** 4
FL_POPUP_DISABLED_TEXT_COLOR	**Value:** 5
FL_POPUP_RADIO_COLOR	**Value:** 6
FL_NORMAL_BITMAP	**Value:** 0

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Name	Description
FL_BITMAP_BOXTYPE	**Value:** 0
FL_BITMAP_COL1	**Value:** 11
FL_BITMAP_COL2	**Value:** 11
FL_BITMAP_LCOL	**Value:** 0
FL_BITMAP_ALIGN	**Value:** 2
FL_NORMAL_PIXMAP	**Value:** 0
FL_NORMAL_BROWSE-R	**Value:** 0
FL_SELECT_BROWSER	**Value:** 1
FL_HOLD_BROWSER	**Value:** 2
FL_MULTI_BROWSER	**Value:** 3
BROWSERTYPE_list	**Value:** [0, 1, 2, 3]
FL_BROWSER_BOXTYP-E	**Value:** 2
FL_BROWSER_COL1	**Value:** 11
FL_BROWSER_COL2	**Value:** 3
FL_BROWSER_LCOL	**Value:** 0
FL_BROWSER_ALIGN	**Value:** 2
FL_BROWSER_SLCOL	**Value:** 11
FL_BROWSER_FONTSIZ-E	**Value:** 10
FL_BROWSER_LINELE-NGTH	**Value:** 2147483647
FL_NORMAL_BUTTON	**Value:** 0
FL_PUSH_BUTTON	**Value:** 1
FL_RADIO_BUTTON	**Value:** 2
FL_HIDDEN_BUTTON	**Value:** 3
FL_TOUCH_BUTTON	**Value:** 4
FL_INOUT_BUTTON	**Value:** 5
FL_RETURN_BUTTON	**Value:** 6
FL_HIDDEN_RET_BUTT-ON	**Value:** 7
FL_MENU_BUTTON	**Value:** 8
FL_TOGGLE_BUTTON	**Value:** 1
BTNTYPE_list	**Value:** [0, 1, 2, 3, 4, 5, 6, 7, 8, 1]
FL_BUTTON_BOXTYPE	**Value:** 1
FL_BUTTON_COL1	**Value:** 11
FL_BUTTON_COL2	**Value:** 11
FL_BUTTON_LCOL	**Value:** 0
FL_BUTTON_ALIGN	**Value:** 0
FL_BUTTON_MCOL1	**Value:** 16
FL_BUTTON_MCOL2	**Value:** 16

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Name	Description
FL_BUTTON_BW	**Value:** `c_int(1)`
FL_LIGHTBUTTON_BOXTYPE	**Value:** `1`
FL_LIGHTBUTTON_COL1	**Value:** `11`
FL_LIGHTBUTTON_COL2	**Value:** `3`
FL_LIGHTBUTTON_LCOL	**Value:** `0`
FL_LIGHTBUTTON_ALIGN	**Value:** `0`
FL_LIGHTBUTTON_TOPCOL	**Value:** `11`
FL_LIGHTBUTTON_MCOL	**Value:** `16`
FL_LIGHTBUTTON_MINSIZE	**Value:** `12`
FL_ROUNDBUTTON_BOXTYPE	**Value:** `0`
FL_ROUNDBUTTON_COL1	**Value:** `16`
FL_ROUNDBUTTON_COL2	**Value:** `3`
FL_ROUNDBUTTON_LCOL	**Value:** `0`
FL_ROUNDBUTTON_ALIGN	**Value:** `0`
FL_ROUNDBUTTON_TOPCOL	**Value:** `11`
FL_ROUNDBUTTON_MCOL	**Value:** `16`
FL_ROUND3DBUTTON_BOXTYPE	**Value:** `0`
FL_ROUND3DBUTTON_COL1	**Value:** `11`
FL_ROUND3DBUTTON_COL2	**Value:** `0`
FL_ROUND3DBUTTON_LCOL	**Value:** `0`
FL_ROUND3DBUTTON_ALIGN	**Value:** `0`
FL_ROUND3DBUTTON_TOPCOL	**Value:** `11`

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Name	Description
FL_ROUND3DBUTTON_MCOL	**Value:** 16
FL_CHECKBUTTON_BOXTYPE	**Value:** 0
FL_CHECKBUTTON_COL1	**Value:** 11
FL_CHECKBUTTON_COL2	**Value:** 3
FL_CHECKBUTTON_LCOL	**Value:** 0
FL_CHECKBUTTON_ALIGN	**Value:** 0
FL_CHECKBUTTON_TOPCOL	**Value:** 11
FL_CHECKBUTTON_MCOL	**Value:** 16
FL_BITMAPBUTTON_BOXTYPE	**Value:** 1
FL_BITMAPBUTTON_COL1	**Value:** 11
FL_BITMAPBUTTON_COL2	**Value:** 4
FL_BITMAPBUTTON_LCOL	**Value:** 0
FL_BITMAPBUTTON_ALIGN	**Value:** 2
FL_PIXMAPBUTTON_BOXTYPE	**Value:** 1
FL_PIXMAPBUTTON_COL1	**Value:** 11
FL_PIXMAPBUTTON_COL2	**Value:** 11
FL_PIXMAPBUTTON_LCOL	**Value:** 0
FL_PIXMAPBUTTON_MCOL1	**Value:** 16
FL_PIXMAPBUTTON_MCOL2	**Value:** 16
FL_PIXMAPBUTTON_ALIGN	**Value:** 2
FL_NORMAL_CANVAS	**Value:** 0

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Name	Description
FL_SCROLLED_CANVAS	**Value:** 1
CANVASTYPE_list	**Value:** [0, 1]
FL_CANVAS_BOXTYPE	**Value:** 2
FL_CANVAS_ALIGN	**Value:** 1
FL_BAR_CHART	**Value:** 0
FL_HORBAR_CHART	**Value:** 1
FL_LINE_CHART	**Value:** 2
FL_FILL_CHART	**Value:** 3
FL_SPIKE_CHART	**Value:** 4
FL_PIE_CHART	**Value:** 5
FL_SPECIALPIE_CHART	**Value:** 6
FL_FILLED_CHART	**Value:** 3
CHARTTYPE_list	**Value:** [0, 1, 2, 3, 4, 5, 6, 3]
FL_CHART_BOXTYPE	**Value:** 3
FL_CHART_COL1	**Value:** 11
FL_CHART_LCOL	**Value:** 0
FL_CHART_ALIGN	**Value:** 2
FL_CHART_MAX	**Value:** 2048
FL_NORMAL_CHOICE	**Value:** 0
FL_NORMAL_CHOICE2	**Value:** 1
FL_DROPLIST_CHOICE	**Value:** 2
FL_BROWSER_CHOICE	**Value:** 3
FL_SIMPLE_CHOICE	**Value:** 0
CHOICETYPE_list	**Value:** [0, 1, 2, 3, 0]
FL_CHOICE_BOXTYPE	**Value:** 6
FL_CHOICE_COL1	**Value:** 11
FL_CHOICE_COL2	**Value:** 0
FL_CHOICE_LCOL	**Value:** 0
FL_CHOICE_ALIGN	**Value:** 4
FL_CHOICE_MCOL	**Value:** 16
FL_CHOICE_MAXITEMS	**Value:** 128
FL_ANALOG_CLOCK	**Value:** 0
FL_DIGITAL_CLOCK	**Value:** 1
CLOCKTYPE_list	**Value:** [0, 1]
FL_CLOCK_BOXTYPE	**Value:** 1
FL_CLOCK_COL1	**Value:** 17
FL_CLOCK_COL2	**Value:** 13
FL_CLOCK_LCOL	**Value:** 0
FL_CLOCK_ALIGN	**Value:** 2

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Name	Description
FL_CLOCK_TOPCOL	**Value:** `11`
FL_NORMAL_COUNTE-R	**Value:** `0`
FL_SIMPLE_COUNTER	**Value:** `1`
COUNTERTYPE_list	**Value:** `[0, 1]`
FL_COUNTER_BOXTYP-E	**Value:** `1`
FL_COUNTER_COL1	**Value:** `11`
FL_COUNTER_COL2	**Value:** `4`
FL_COUNTER_LCOL	**Value:** `0`
FL_COUNTER_ALIGN	**Value:** `2`
FL_COUNTER_BW	**Value:** `0`
XC_num_glyphs	**Value:** `154`
XC_X_cursor	**Value:** `0`
XC_arrow	**Value:** `2`
XC_based_arrow_down	**Value:** `4`
XC_based_arrow_up	**Value:** `6`
XC_boat	**Value:** `8`
XC_bogosity	**Value:** `10`
XC_bottom_left_corner	**Value:** `12`
XC_bottom_right_corner	**Value:** `14`
XC_bottom_side	**Value:** `16`
XC_bottom_tee	**Value:** `18`
XC_box_spiral	**Value:** `20`
XC_center_ptr	**Value:** `22`
XC_circle	**Value:** `24`
XC_clock	**Value:** `26`
XC_coffee_mug	**Value:** `28`
XC_cross	**Value:** `30`
XC_cross_reverse	**Value:** `32`
XC_crosshair	**Value:** `34`
XC_diamond_cross	**Value:** `36`
XC_dot	**Value:** `38`
XC_dotbox	**Value:** `40`
XC_double_arrow	**Value:** `42`
XC_draft_large	**Value:** `44`
XC_draft_small	**Value:** `46`
XC_draped_box	**Value:** `48`
XC_fleur	**Value:** `52`
XC_gobbler	**Value:** `54`
XC_gumby	**Value:** `56`
XC_hand1	**Value:** `58`

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Name	Description
XC_hand2	**Value:** 60
XC_heart	**Value:** 62
XC_icon	**Value:** 64
XC_iron_cross	**Value:** 66
XC_left_ptr	**Value:** 68
XC_left_side	**Value:** 70
XC_left_tee	**Value:** 72
XC_leftbutton	**Value:** 74
XC_ll_angle	**Value:** 76
XC_lr_angle	**Value:** 78
XC_man	**Value:** 80
XC_middlebutton	**Value:** 82
XC_mouse	**Value:** 84
XC_pencil	**Value:** 86
XC_pirate	**Value:** 88
XC_plus	**Value:** 90
XC_question_arrow	**Value:** 92
XC_right_ptr	**Value:** 94
XC_right_side	**Value:** 96
XC_right_tee	**Value:** 98
XC_rightbutton	**Value:** 100
XC_rtl_logo	**Value:** 102
XC_sailboat	**Value:** 104
XC_sb_down_arrow	**Value:** 106
XC_sb_h_double_arrow	**Value:** 108
XC_sb_left_arrow	**Value:** 110
XC_sb_right_arrow	**Value:** 112
XC_sb_up_arrow	**Value:** 114
XC_sb_v_double_arrow	**Value:** 116
XC_shuttle	**Value:** 118
XC_sizing	**Value:** 120
XC_spider	**Value:** 122
XC_spraycan	**Value:** 124
XC_star	**Value:** 126
XC_target	**Value:** 128
XC_tcross	**Value:** 130
XC_top_left_arrow	**Value:** 132
XC_top_left_corner	**Value:** 134
XC_top_right_corner	**Value:** 136
XC_top_side	**Value:** 138
XC_top_tee	**Value:** 140
XC_trek	**Value:** 142

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Name	Description
XC_ul_angle	**Value:** 144
XC_umbrella	**Value:** 146
XC_ur_angle	**Value:** 148
XC_watch	**Value:** 150
XC_xterm	**Value:** 152
XCursors_list	**Value:** [2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, ...
FL_INVISIBLE_CURSOR	**Value:** -2
FL_DEFAULT_CURSOR	**Value:** -1
FL_BUSY_CURSOR	**Value:** 150
FL_CROSSHAIR_CURSOR	**Value:** 130
FL_KILL_CURSOR	**Value:** 88
FL_NWARROW_CURSOR	**Value:** 132
FL_NEARROW_CURSOR	**Value:** 2
XC_invisible	**Value:** -2
Cursors_list	**Value:** [-2, -1, 150, 130, 88, 132, 2]
FL_NORMAL_DIAL	**Value:** 0
FL_LINE_DIAL	**Value:** 1
FL_FILL_DIAL	**Value:** 2
DIALTYPE_list	**Value:** [0, 1, 2]
FL_DIAL_CW	**Value:** 0
FL_DIAL_CCW	**Value:** 1
FL_DIAL_BOXTYPE	**Value:** 8
FL_DIAL_COL1	**Value:** 11
FL_DIAL_COL2	**Value:** 12
FL_DIAL_LCOL	**Value:** 0
FL_DIAL_ALIGN	**Value:** 2
FL_DIAL_TOPCOL	**Value:** 11
FT_FILE	**Value:** 0
FT_DIR	**Value:** 1
FT_LINK	**Value:** 2
FT_SOCK	**Value:** 3
FT_FIFO	**Value:** 4
FT_BLK	**Value:** 5
FT_CHR	**Value:** 6
FT_OTHER	**Value:** 7
FL_ALPHASORT	**Value:** 1
FL_RALPHASORT	**Value:** 2
FL_MTIMESORT	**Value:** 3

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Name	Description
FL_RMTIMESORT	**Value:** 4
FL_SIZESORT	**Value:** 5
FL_RSIZESORT	**Value:** 6
FL_CASEALPHASORT	**Value:** 7
FL_RCASEALPHASORT	**Value:** 8
FLPS_AUTO	**Value:** 0
FLPS_LANDSCAPE	**Value:** 1
FLPS_PORTRAIT	**Value:** 2
FLPS_BESTFIT	**Value:** 3
FLPS_BW	**Value:** -1
FLPS_GRAYSCALE	**Value:** 0
FLPS_COLOR	**Value:** 1
FL_NORMAL_FORMBROWSER	**Value:** 0
FORMBRWSTYPE_list	**Value:** [0]
FL_SMOOTH_SCROLL	**Value:** 0
FL_JUMP_SCROLL	**Value:** 1
FL_FORMBROWSER_BOXTYPE	**Value:** 2
FL_FORMBROWSER_COL1	**Value:** 11
FL_FORMBROWSER_ALIGN	**Value:** 1
FL_NO_FRAME	**Value:** 0
FL_UP_FRAME	**Value:** 1
FL_DOWN_FRAME	**Value:** 2
FL_BORDER_FRAME	**Value:** 3
FL_SHADOW_FRAME	**Value:** 4
FL_ENGRAVED_FRAME	**Value:** 5
FL_ROUNDED_FRAME	**Value:** 6
FL_EMBOSSED_FRAME	**Value:** 7
FL_OVAL_FRAME	**Value:** 8
FRAMETYPE_list	**Value:** [0, 1, 2, 3, 4, 5, 6, 7, 8]
FL_FRAME_COL1	**Value:** 0
FL_FRAME_COL2	**Value:** 11
FL_FRAME_LCOL	**Value:** 0
FL_NORMAL_FREE	**Value:** 0
FL_INACTIVE_FREE	**Value:** 1
FL_INPUT_FREE	**Value:** 2
FL_CONTINUOUS_FREE	**Value:** 3
FL_ALL_FREE	**Value:** 4

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Name	Description
FL_SLEEPING_FREE	**Value:** 1
FREETYPE_list	**Value:** [0, 1, 2, 3, 4, 1]
FLAlertDismissLabel	**Value:** 'flAlert.dismiss.label'
FLAlertTitle	**Value:** 'flAlert.title'
FLQuestionYesLabel	**Value:** 'flQuestion.yes.label'
FLQuestionNoLabel	**Value:** 'flQuestion.no.label'
FLQuestionTitle	**Value:** 'flQuestion.title'
FLOKLabel	**Value:** 'flInput.ok.label'
FLInputClearLabel	**Value:** 'flInput.clear.label'
FLInputCancelLabel	**Value:** 'flInput.cancel.label'
FLInputTitle	**Value:** 'flInput.title'
FLChoiceTitle	**Value:** 'flChoice.title'
FL_MAX_FSELECTOR	**Value:** 6
FL_NORMAL_INPUT	**Value:** 0
FL_FLOAT_INPUT	**Value:** 1
FL_INT_INPUT	**Value:** 2
FL_DATE_INPUT	**Value:** 3
FL_MULTILINE_INPUT	**Value:** 4
FL_HIDDEN_INPUT	**Value:** 5
FL_SECRET_INPUT	**Value:** 6
INPUTTYPE_list	**Value:** [0, 1, 2, 3, 4, 5, 6]
FL_INPUT_MMDD	**Value:** 0
FL_INPUT_DDMM	**Value:** 1
FL_INPUT_BOXTYPE	**Value:** 2
FL_INPUT_COL1	**Value:** 11
FL_INPUT_COL2	**Value:** 16
FL_INPUT_LCOL	**Value:** 0
FL_INPUT_ALIGN	**Value:** 4
FL_INPUT_TCOL	**Value:** 0
FL_INPUT_CCOL	**Value:** 4
FL_RINGBELL	**Value:** 16
FL_TOUCH_MENU	**Value:** 0
FL_PUSH_MENU	**Value:** 1
FL_PULLDOWN_MENU	**Value:** 2
MENUTYPE_list	**Value:** [0, 1, 2]
FL_MENU_BOXTYPE	**Value:** 3
FL_MENU_COL1	**Value:** 11
FL_MENU_COL2	**Value:** 16
FL_MENU_LCOL	**Value:** 0
FL_MENU_ALIGN	**Value:** 0
FL_MENU_MAXITEMS	**Value:** 128
FL_MENU_MAXSTR	**Value:** 64

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Name	Description
FL_NORMAL_NMENU	**Value:** `0`
FL_NORMAL_TOUCH_NMENU	**Value:** `1`
FL_BUTTON_NMENU	**Value:** `2`
FL_BUTTON_TOUCH_NMENU	**Value:** `3`
NMENUTYPE_list	**Value:** `[0, 1, 2, 3]`
FL_NORMAL_POSITIONER	**Value:** `0`
FL_OVERLAY_POSITIONER	**Value:** `1`
FL_INVISIBLE_POSITIONER	**Value:** `2`
POSITIONERTYPE_list	**Value:** `[0, 1, 2]`
FL_POSITIONER_BOXTYPE	**Value:** `2`
FL_POSITIONER_COL1	**Value:** `11`
FL_POSITIONER_COL2	**Value:** `1`
FL_POSITIONER_LCOL	**Value:** `0`
FL_POSITIONER_ALIGN	**Value:** `2`
FL_VERT_SCROLLBAR	**Value:** `0`
FL_HOR_SCROLLBAR	**Value:** `1`
FL_VERT_THIN_SCROLLBAR	**Value:** `2`
FL_HOR_THIN_SCROLLBAR	**Value:** `3`
FL_VERT_NICE_SCROLLBAR	**Value:** `4`
FL_HOR_NICE_SCROLLBAR	**Value:** `5`
FL_VERT_PLAIN_SCROLLBAR	**Value:** `6`
FL_HOR_PLAIN_SCROLLBAR	**Value:** `7`
FL_HOR_BASIC_SCROLLBAR	**Value:** `7`
FL_VERT_BASIC_SCROLLBAR	**Value:** `6`
FL_NORMAL_SCROLLBAR	**Value:** `0`
FL_THIN_SCROLLBAR	**Value:** `1`

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Name	Description
FL_NICE_SCROLLBAR	**Value:** 2
FL_PLAIN_SCROLLBAR	**Value:** 3
SCROLLTYPE_list	**Value:** [0, 1, 2, 3, 4, 5, 6, 7, 7, 6, 0, 1, 2, 3]
FL_NORMAL_SELECT	**Value:** 0
FL_MENU_SELECT	**Value:** 1
FL_DROPLIST_SELECT	**Value:** 2
SELECTTYPE_list	**Value:** [0, 1, 2]
FL_SELECT_COL1	**Value:** 11
FL_SELECT_COL2	**Value:** 16
FL_SELECT_LCOL	**Value:** 0
FL_SELECT_ALIGN	**Value:** 4
FL_HOR_FLAG	**Value:** 1
FL_SCROLL_FLAG	**Value:** 8
FL_VERT_SLIDER	**Value:** 0
FL_HOR_SLIDER	**Value:** 1
FL_VERT_FILL_SLIDER	**Value:** 2
FL_HOR_FILL_SLIDER	**Value:** 3
FL_VERT_NICE_SLIDER	**Value:** 4
FL_HOR_NICE_SLIDER	**Value:** 5
FL_VERT_BROWSER_SLIDER	**Value:** 6
FL_HOR_BROWSER_SLIDER	**Value:** 7
FL_VERT_BROWSER_SLIDER2	**Value:** 8
FL_HOR_BROWSER_SLIDER2	**Value:** 9
FL_VERT_THIN_SLIDER	**Value:** 10
FL_HOR_THIN_SLIDER	**Value:** 11
FL_VERT_NICE_SLIDER2	**Value:** 12
FL_HOR_NICE_SLIDER2	**Value:** 13
FL_VERT_BASIC_SLIDER	**Value:** 14
FL_HOR_BASIC_SLIDER	**Value:** 15
SLIDERTYPE_list	**Value:** [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 10, 11, 12, 13, 14...
FL_SLIDER_BW1	**Value:** c_int(1)
FL_SLIDER_BW2	**Value:** 0
FL_SLIDER_BOXTYPE	**Value:** 2
FL_SLIDER_COL1	**Value:** 11

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Name	Description
FL_SLIDER_COL2	**Value:** `11`
FL_SLIDER_LCOL	**Value:** `0`
FL_SLIDER_ALIGN	**Value:** `2`
FL_SLIDER_FINE	**Value:** `0.25`
FL_SLIDER_WIDTH	**Value:** `0.1`
FL_INT_SPINNER	**Value:** `0`
FL_FLOAT_SPINNER	**Value:** `1`
SPINNERTYPE_list	**Value:** `[0, 1]`
FL_TOP_TABFOLDER	**Value:** `0`
FL_BOTTOM_TABFOLDER	**Value:** `1`
FL_LEFT_TABFOLDER	**Value:** `2`
FL_RIGHT_TABFOLDER	**Value:** `3`
FL_NORMAL_TABFOLDER	**Value:** `0`
TABFOLDERTYPE_list	**Value:** `[0, 1, 2, 3, 0]`
FL_NO	**Value:** `0`
FL_FIT	**Value:** `1`
FL_ENLARGE_ONLY	**Value:** `2`
FL_NORMAL_TEXT	**Value:** `0`
TEXTTYPE_list	**Value:** `[0]`
FL_TEXT_BOXTYPE	**Value:** `8`
FL_TEXT_COL1	**Value:** `11`
FL_TEXT_COL2	**Value:** `16`
FL_TEXT_LCOL	**Value:** `0`
FL_TEXT_ALIGN	**Value:** `4`
FL_VERT_THUMBWHEEL	**Value:** `0`
FL_HOR_THUMBWHEEL	**Value:** `1`
THUMBWHEELTYPE_list	**Value:** `[0, 1]`
FL_THUMBWHEEL_COL1	**Value:** `11`
FL_THUMBWHEEL_COL2	**Value:** `11`
FL_THUMBWHEEL_LCOL	**Value:** `0`
FL_THUMBWHEEL_BOXTYPE	**Value:** `3`
FL_THUMBWHEEL_ALIGN	**Value:** `2`

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Name	Description
FL_NORMAL_TIMER	**Value:** `0`
FL_VALUE_TIMER	**Value:** `1`
FL_HIDDEN_TIMER	**Value:** `2`
TIMERTYPE_list	**Value:** `[0, 1, 2]`
FL_TIMER_BOXTYPE	**Value:** `2`
FL_TIMER_COL1	**Value:** `11`
FL_TIMER_COL2	**Value:** `1`
FL_TIMER_LCOL	**Value:** `0`
FL_TIMER_ALIGN	**Value:** `0`
FL_TIMER_BLINKRATE	**Value:** `0.2`
FL_MAXPUPI	**Value:** `128`
FL_PUP_PADH	**Value:** `4`
FL_NORMAL_XYPLOT	**Value:** `0`
FL_SQUARE_XYPLOT	**Value:** `1`
FL_CIRCLE_XYPLOT	**Value:** `2`
FL_FILL_XYPLOT	**Value:** `3`
FL_POINTS_XYPLOT	**Value:** `4`
FL_DASHED_XYPLOT	**Value:** `5`
FL_IMPULSE_XYPLOT	**Value:** `6`
FL_ACTIVE_XYPLOT	**Value:** `7`
FL_EMPTY_XYPLOT	**Value:** `8`
FL_DOTTED_XYPLOT	**Value:** `9`
FL_DOTDASHED_XYPL-OT	**Value:** `10`
FL_LONGDASHED_XYP-LOT	**Value:** `11`
FL_LINEPOINTS_XYPL-OT	**Value:** `12`
XYPLOTTYPE_list	**Value:** `[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]`
FL_LINEAR	**Value:** `0`
FL_LOG	**Value:** `1`
FL_GRID_NONE	**Value:** `0`
FL_GRID_MAJOR	**Value:** `1`
FL_GRID_MINOR	**Value:** `2`
FL_XYPLOT_BOXTYPE	**Value:** `8`
FL_XYPLOT_COL1	**Value:** `11`
FL_XYPLOT_LCOL	**Value:** `0`
FL_XYPLOT_ALIGN	**Value:** `2`
FL_MAX_XYPLOTOVE-RLAY	**Value:** `32`
FL_FALSE	**Value:** `0`

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Name	Description
FL_TRUE	**Value:** `True`
FL_IMAGE_NONE	**Value:** `0`
FL_IMAGE_MONO	**Value:** `1`
FL_IMAGE_GRAY	**Value:** `2`
FL_IMAGE_CI	**Value:** `4`
FL_IMAGE_RGB	**Value:** `8`
FL_IMAGE_PACKED	**Value:** `16`
FL_IMAGE_GRAY16	**Value:** `32`
FL_IMAGE_RGB16	**Value:** `64`
FL_IMAGE_FLEX	**Value:** `1023`
FLIMAGE_NONE	**Value:** `0`
FLIMAGE_MONO	**Value:** `1`
FLIMAGE_GRAY	**Value:** `2`
FLIMAGE_CI	**Value:** `4`
FLIMAGE_RGB	**Value:** `8`
FLIMAGE_PACKED	**Value:** `16`
FLIMAGE_GRAY16	**Value:** `32`
FLIMAGE_RGB16	**Value:** `64`
FLIMAGE_FLEX	**Value:** `1023`
FL_PCBITS	**Value:** `8`
FL_PCMAX	**Value:** `255`
FL_RMASK	**Value:** `255`
FL_RSHIFT	**Value:** `0`
FL_GMASK	**Value:** `65280`
FL_GSHIFT	**Value:** `8`
FL_BMASK	**Value:** `16711680`
FL_BSHIFT	**Value:** `16`
FL_AMASK	**Value:** `4278190080`
FL_ASHIFT	**Value:** `24`
FL_LUTBITS	**Value:** `12`
FLIMAGE_AUTOCOLOR	**Value:** `2147483647`
FLIMAGE_BADCOLOR	**Value:** `2147483647`
FLIMAGE_REPFREQ	**Value:** `31`
FLIMAGE_ERR_NONE	**Value:** `0`
FLIMAGE_ERR_ALLOC	**Value:** `-50`
FLIMAGE_ERR_INVALID	**Value:** `-49`
FLIMAGE_ERR_ARGUMENT	**Value:** `-48`
FLIMAGE_ERR_FILE	**Value:** `-47`
FLIMAGE_ERR_INTERNAL	**Value:** `-46`

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Name	Description
FLIMAGE_ERR_UNKNOWN	**Value:** -45
FLIMAGE_WRITABLE	**Value:** 2
FLIMAGE_READABLE	**Value:** 1
FLIMAGE_SHARPEN	**Value:** cty.pointer(cty.pointer(cty.c_int(-1)))
FLIMAGE_SMOOTH	**Value:** cty.pointer(cty.pointer(cty.c_int(-2)))
FL_SMOOTH	**Value:** cty.pointer(cty.pointer(cty.c_int(-2)))
FL_SHARPEN	**Value:** cty.pointer(cty.pointer(cty.c_int(-1)))
FLIMAGE_NOSUBPIXEL	**Value:** 0
FLIMAGE_SUBPIXEL	**Value:** 1
FLIMAGE_CENTER	**Value:** 2
FLIMAGE_RIGHT	**Value:** 8
FLIMAGE_ASPECT	**Value:** 32
FLIMAGE_NOCENTER	**Value:** 5
KeyPress	**Value:** 2
KeyRelease	**Value:** 3
ButtonPress	**Value:** 4
ButtonRelease	**Value:** 5
MotionNotify	**Value:** 6
EnterNotify	**Value:** 7
LeaveNotify	**Value:** 8
FocusIn	**Value:** 9
FocusOut	**Value:** 10
KeymapNotify	**Value:** 11
Expose	**Value:** 12
GraphicsExpose	**Value:** 13
NoExpose	**Value:** 14
VisibilityNotify	**Value:** 15
CreateNotify	**Value:** 16
DestroyNotify	**Value:** 17
UnmapNotify	**Value:** 18
MapNotify	**Value:** 19
MapRequest	**Value:** 20
ReparentNotify	**Value:** 21
ConfigureNotify	**Value:** 22
ConfigureRequest	**Value:** 23
GravityNotify	**Value:** 24

continued on next page

Name	Description
ResizeRequest	**Value:** 25
CirculateNotify	**Value:** 26
CirculateRequest	**Value:** 27
PropertyNotify	**Value:** 28
SelectionClear	**Value:** 29
SelectionRequest	**Value:** 30
SelectionNotify	**Value:** 31
EXITVAL	**Value:** 255
__package__	**Value:** 'xformslib'

2.2 Class FL_PUP_ENTRY

object
 ??._CData
_ctypes.Structure
xformslib.xfdata.FL_PUP_ENTRY

2.2.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.2.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.2.3 Class Variables

Name	Description
fields	**Value:** `[('text', <class 'ctypes.c_char_p'>), ('callback', <class...`
callback	**Value:** `<Field type=CFunctionType, ofs=8, size=8>`
mode	**Value:** `<Field type=c_int, ofs=24, size=4>`
shortcut	**Value:** `<Field type=c_char_p, ofs=16, size=8>`
text	**Value:** `<Field type=c_char_p, ofs=0, size=8>`

2.3 Class FL_PUP_ENTRY

object
 ??._CData
_ctypes.Structure
xformslib.xfdata.FL_PUP_ENTRY

2.3.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.3.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.3.3 Class Variables

Name	Description
fields	**Value:** `[('text', <class 'ctypes.c_char_p'>), ('callback', <class...`
callback	**Value:** `<Field type=CFunctionType, ofs=8, size=8>`
mode	**Value:** `<Field type=c_int, ofs=24, size=4>`
shortcut	**Value:** `<Field type=c_char_p, ofs=16, size=8>`
text	**Value:** `<Field type=c_char_p, ofs=0, size=8>`

2.4 Class _XExtData

object
 ??._CData
  _ctypes.Structure
   xformslib.xfdata._XExtData

2.4.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

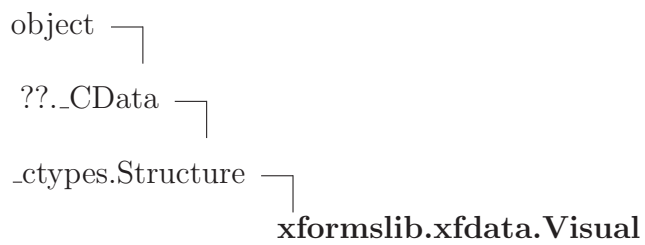
2.4.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.4.3 Class Variables

Name	Description
fields	**Value:** `[('number', <class 'ctypes.c_int'>), ('next', <class 'xfo...`
free_private	**Value:** `<Field type=CFunctionType, ofs=16, size=8>`
next	**Value:** `<Field type=LP__XExtData, ofs=8, size=8>`
number	**Value:** `<Field type=c_int, ofs=0, size=4>`
private_data	**Value:** `<Field type=c_char_p, ofs=24, size=8>`

2.5 Class Visual



2.5.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.5.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.5.3 Class Variables

Name	Description
fields	**Value:** `[('ext_data', <class 'xformslib.xfdata.LP__XExtData'>), (...`
bits_per_rgb	**Value:** `<Field type=c_int, ofs=48, size=4>`
blue_mask	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
c_class	**Value:** `<Field type=c_int, ofs=16, size=4>`
ext_data	**Value:** `<Field type=LP__XExtData, ofs=0, size=8>`
green_mask	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
map_entries	**Value:** `<Field type=c_int, ofs=52, size=4>`
red_mask	**Value:** `<Field type=c_ulong, ofs=24, size=8>`
visualid	**Value:** `<Field type=c_ulong, ofs=8, size=8>`

2.6 Class XVisualInfo

object
??._CData
_ctypes.Structure
xformslib.xfdata.XVisualInfo

2.6.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.6.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.6.3 Class Variables

Name	Description
fields	**Value:** `[('visual', <class 'xformslib.xfdata.LP_Visual'>), ('visu...`
bits_per_rgb	**Value:** `<Field type=c_int, ofs=60, size=4>`
blue_mask	**Value:** `<Field type=c_ulong, ofs=48, size=8>`

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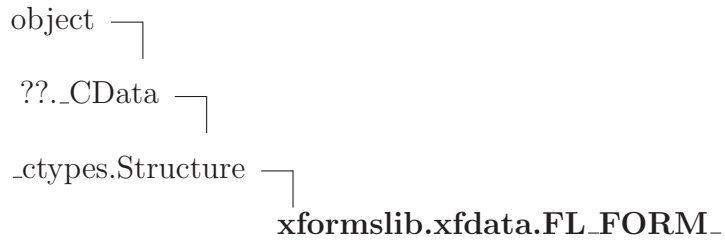
Name	Description
c_class	**Value:** <Field type=c_int, ofs=24, size=4>
colormap_size	**Value:** <Field type=c_int, ofs=56, size=4>
depth	**Value:** <Field type=c_int, ofs=20, size=4>
green_mask	**Value:** <Field type=c_ulong, ofs=40, size=8>
red_mask	**Value:** <Field type=c_ulong, ofs=32, size=8>
screen	**Value:** <Field type=c_int, ofs=16, size=4>
visual	**Value:** <Field type=LP_Visual, ofs=0, size=8>
visualid	**Value:** <Field type=c_ulong, ofs=8, size=8>

2.7 Class FL_FORM_



2.7.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.7.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.7.3 Class Variables

Name	Description
pack	**Value:** `4`
fields	**Value:** `[('fdui', <class 'ctypes.c_void_p'>), ('u_vdata', <class ...`
activate_callback	**Value:** `<Field type=CFunctionType, ofs=132, size=8>`
activate_data	**Value:** `<Field type=c_void_p, ofs=156, size=8>`
all_callback	**Value:** `<Field type=CFunctionType, ofs=204, size=8>`
attach_data	**Value:** `<Field type=c_void_p, ofs=344, size=8>`
attached	**Value:** `<Field type=c_int, ofs=332, size=4>`
child	**Value:** `<Field type=LP_FL_FORM_, ofs=316, size=8>`
close_callback	**Value:** `<Field type=CFunctionType, ofs=228, size=8>`
close_data	**Value:** `<Field type=c_void_p, ofs=236, size=8>`
compress_mask	**Value:** `<Field type=c_ulong, ofs=212, size=8>`
crossing_callback	**Value:** `<Field type=CFunctionType, ofs=188, size=8>`
deactivate_callback	**Value:** `<Field type=CFunctionType, ofs=140, size=8>`
deactivate_data	**Value:** `<Field type=c_void_p, ofs=164, size=8>`
deactivated	**Value:** `<Field type=c_int, ofs=272, size=4>`
evmask	**Value:** `<Field type=c_ulong, ofs=220, size=8>`

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Name	Description
fdui	**Value:** <Field type=c_void_p, ofs=0, size=8>
first	**Value:** <Field type=LP_FL_OBJECT_, ofs=100, size=8>
flpixmap	**Value:** <Field type=LP_FL_pixmap_, ofs=244, size=8>
focusobj	**Value:** <Field type=LP_FL_OBJECT_, ofs=116, size=8>
form_callback	**Value:** <Field type=CFunctionType, ofs=124, size=8>
form_cb_data	**Value:** <Field type=c_void_p, ofs=148, size=8>
frozen	**Value:** <Field type=c_int, ofs=280, size=4>
h	**Value:** <Field type=c_int, ofs=60, size=4>
h_hr	**Value:** <Field type=c_double, ofs=92, size=8>
handle_dec_x	**Value:** <Field type=c_int, ofs=68, size=4>
handle_dec_y	**Value:** <Field type=c_int, ofs=72, size=4>
has_auto_objects	**Value:** <Field type=c_int, ofs=296, size=4>
hotx	**Value:** <Field type=c_int, ofs=76, size=4>
hoty	**Value:** <Field type=c_int, ofs=80, size=4>
icon_mask	**Value:** <Field type=c_ulong, ofs=260, size=8>
icon_pixmap	**Value:** <Field type=c_ulong, ofs=252, size=8>
in_redraw	**Value:** <Field type=c_int, ofs=64, size=4>
key_callback	**Value:** <Field type=CFunctionType, ofs=172, size=8>
label	**Value:** <Field type=c_char_p, ofs=32, size=8>
last	**Value:** <Field type=LP_FL_OBJECT_, ofs=108, size=8>
motion_callback	**Value:** <Field type=CFunctionType, ofs=196, size=8>

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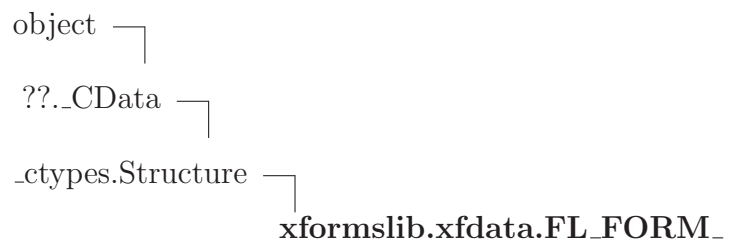
Name	Description
no_tooltip	**Value:** <Field type=c_int, ofs=352, size=4>
parent	**Value:** <Field type=LP_FL_FORM_, ofs=308, size=8>
parent_obj	**Value:** <Field type=LP_FL_OBJECT_, ofs=324, size=8>
pre_attach	**Value:** <Field type=CFunctionType, ofs=336, size=8>
prop	**Value:** <Field type=c_uint, ofs=292, size=4>
push_callback	**Value:** <Field type=CFunctionType, ofs=180, size=8>
sort_of_modal	**Value:** <Field type=c_int, ofs=304, size=4>
top	**Value:** <Field type=c_int, ofs=300, size=4>
u_cdata	**Value:** <Field type=c_char_p, ofs=16, size=8>
u_ldata	**Value:** <Field type=c_long, ofs=24, size=8>
u_vdata	**Value:** <Field type=c_void_p, ofs=8, size=8>
use_pixmap	**Value:** <Field type=c_int, ofs=276, size=4>
visible	**Value:** <Field type=c_int, ofs=284, size=4>
vmode	**Value:** <Field type=c_int, ofs=268, size=4>
w	**Value:** <Field type=c_int, ofs=56, size=4>
w_hr	**Value:** <Field type=c_double, ofs=84, size=8>
window	**Value:** <Field type=c_ulong, ofs=40, size=8>
wm_border	**Value:** <Field type=c_int, ofs=288, size=4>
x	**Value:** <Field type=c_int, ofs=48, size=4>
y	**Value:** <Field type=c_int, ofs=52, size=4>

2.8 Class FL_FORM_



2.8.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.8.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.8.3 Class Variables

Name	Description
pack	**Value:** `4`
fields	**Value:** `[('fdui', <class 'ctypes.c_void_p'>), ('u_vdata', <class ...`
activate_callback	**Value:** `<Field type=CFunctionType, ofs=132, size=8>`
activate_data	**Value:** `<Field type=c_void_p, ofs=156, size=8>`

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Name	Description
all_callback	**Value:** <Field type=CFunctionType, ofs=204, size=8>
attach_data	**Value:** <Field type=c_void_p, ofs=344, size=8>
attached	**Value:** <Field type=c_int, ofs=332, size=4>
child	**Value:** <Field type=LP_FL_FORM_, ofs=316, size=8>
close_callback	**Value:** <Field type=CFunctionType, ofs=228, size=8>
close_data	**Value:** <Field type=c_void_p, ofs=236, size=8>
compress_mask	**Value:** <Field type=c_ulong, ofs=212, size=8>
crossing_callback	**Value:** <Field type=CFunctionType, ofs=188, size=8>
deactivate_callback	**Value:** <Field type=CFunctionType, ofs=140, size=8>
deactivate_data	**Value:** <Field type=c_void_p, ofs=164, size=8>
deactivated	**Value:** <Field type=c_int, ofs=272, size=4>
evmask	**Value:** <Field type=c_ulong, ofs=220, size=8>
fdui	**Value:** <Field type=c_void_p, ofs=0, size=8>
first	**Value:** <Field type=LP_FL_OBJECT_, ofs=100, size=8>
flpixmap	**Value:** <Field type=LP_FL_pixmap_, ofs=244, size=8>
focusobj	**Value:** <Field type=LP_FL_OBJECT_, ofs=116, size=8>
form_callback	**Value:** <Field type=CFunctionType, ofs=124, size=8>
form_cb_data	**Value:** <Field type=c_void_p, ofs=148, size=8>
frozen	**Value:** <Field type=c_int, ofs=280, size=4>
h	**Value:** <Field type=c_int, ofs=60, size=4>
h_hr	**Value:** <Field type=c_double, ofs=92, size=8>

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Name	Description
handle_dec_x	**Value:** <Field type=c_int, ofs=68, size=4>
handle_dec_y	**Value:** <Field type=c_int, ofs=72, size=4>
has_auto_objects	**Value:** <Field type=c_int, ofs=296, size=4>
hotx	**Value:** <Field type=c_int, ofs=76, size=4>
hoty	**Value:** <Field type=c_int, ofs=80, size=4>
icon_mask	**Value:** <Field type=c_ulong, ofs=260, size=8>
icon_pixmap	**Value:** <Field type=c_ulong, ofs=252, size=8>
in_redraw	**Value:** <Field type=c_int, ofs=64, size=4>
key_callback	**Value:** <Field type=CFunctionType, ofs=172, size=8>
label	**Value:** <Field type=c_char_p, ofs=32, size=8>
last	**Value:** <Field type=LP_FL_OBJECT_, ofs=108, size=8>
motion_callback	**Value:** <Field type=CFunctionType, ofs=196, size=8>
no_tooltip	**Value:** <Field type=c_int, ofs=352, size=4>
parent	**Value:** <Field type=LP_FL_FORM_, ofs=308, size=8>
parent_obj	**Value:** <Field type=LP_FL_OBJECT_, ofs=324, size=8>
pre_attach	**Value:** <Field type=CFunctionType, ofs=336, size=8>
prop	**Value:** <Field type=c_uint, ofs=292, size=4>
push_callback	**Value:** <Field type=CFunctionType, ofs=180, size=8>
sort_of_modal	**Value:** <Field type=c_int, ofs=304, size=4>
top	**Value:** <Field type=c_int, ofs=300, size=4>
u_cdata	**Value:** <Field type=c_char_p, ofs=16, size=8>

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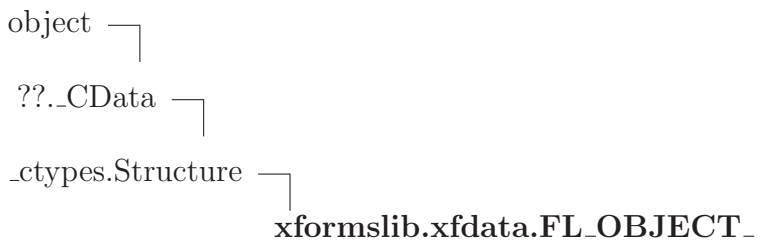
Name	Description
u_ldata	**Value:** <Field type=c_long, ofs=24, size=8>
u_vdata	**Value:** <Field type=c_void_p, ofs=8, size=8>
use_pixmap	**Value:** <Field type=c_int, ofs=276, size=4>
visible	**Value:** <Field type=c_int, ofs=284, size=4>
vmode	**Value:** <Field type=c_int, ofs=268, size=4>
w	**Value:** <Field type=c_int, ofs=56, size=4>
w_hr	**Value:** <Field type=c_double, ofs=84, size=8>
window	**Value:** <Field type=c_ulong, ofs=40, size=8>
wm_border	**Value:** <Field type=c_int, ofs=288, size=4>
x	**Value:** <Field type=c_int, ofs=48, size=4>
y	**Value:** <Field type=c_int, ofs=52, size=4>

2.9 Class FL_OBJECT_



2.9.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.9.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.9.3 Class Variables

Name	Description
pack	**Value:** `4`
fields	**Value:** `[('form', <class 'xformslib.xfdata.LP_FL_FORM_'>), ('u_vd...`
active	**Value:** `<Field type=c_int, ofs=324, size=4>`
align	**Value:** `<Field type=c_int, ofs=160, size=4>`
argument	**Value:** `<Field type=c_long, ofs=196, size=8>`
automatic	**Value:** `<Field type=c_int, ofs=340, size=4>`
belowmouse	**Value:** `<Field type=c_int, ofs=320, size=4>`
boxtype	**Value:** `<Field type=c_int, ofs=40, size=4>`
bw	**Value:** `<Field type=c_int, ofs=124, size=4>`
c_cdata	**Value:** `<Field type=c_char_p, ofs=376, size=8>`
c_ldata	**Value:** `<Field type=c_long, ofs=384, size=8>`
c_vdata	**Value:** `<Field type=c_void_p, ofs=368, size=8>`
child	**Value:** `<Field type=LP_FL_OBJECT_, ofs=272, size=8>`

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Name	Description
click_timeout	**Value:** <Field type=c_ulong, ofs=360, size=8>
clip	**Value:** <Field type=c_int, ofs=356, size=4>
col1	**Value:** <Field type=c_ulong, ofs=128, size=8>
col2	**Value:** <Field type=c_ulong, ofs=136, size=8>
dbl_background	**Value:** <Field type=c_ulong, ofs=392, size=8>
double_buffer	**Value:** <Field type=c_int, ofs=308, size=4>
fb1	**Value:** <Field type=c_double, ofs=84, size=8>
fb2	**Value:** <Field type=c_double, ofs=116, size=8>
fl1	**Value:** <Field type=c_double, ofs=60, size=8>
fl2	**Value:** <Field type=c_double, ofs=92, size=8>
flpixmap	**Value:** <Field type=LP_FL_pixmap_, ofs=288, size=8>
focus	**Value:** <Field type=c_int, ofs=316, size=4>
form	**Value:** <Field type=LP_FL_FORM_, ofs=0, size=8>
fr1	**Value:** <Field type=c_double, ofs=68, size=8>
fr2	**Value:** <Field type=c_double, ofs=100, size=8>
ft1	**Value:** <Field type=c_double, ofs=76, size=8>
ft2	**Value:** <Field type=c_double, ofs=108, size=8>
group_id	**Value:** <Field type=c_int, ofs=412, size=4>
h	**Value:** <Field type=c_int, ofs=56, size=4>
handle	**Value:** <Field type=CFunctionType, ofs=180, size=8>
how_return	**Value:** <Field type=c_int, ofs=304, size=4>

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Name	Description
input	**Value:** <Field type=c_int, ofs=328, size=4>
is_under	**Value:** <Field type=c_int, ofs=352, size=4>
label	**Value:** <Field type=c_char_p, ofs=144, size=8>
lcol	**Value:** <Field type=c_ulong, ofs=152, size=8>
lsize	**Value:** <Field type=c_int, ofs=164, size=4>
lstyle	**Value:** <Field type=c_int, ofs=168, size=4>
nc	**Value:** <Field type=LP_FL_OBJECT_, ofs=280, size=8>
next	**Value:** <Field type=LP_FL_OBJECT_, ofs=256, size=8>
nwgravity	**Value:** <Field type=c_uint, ofs=240, size=4>
objclass	**Value:** <Field type=c_int, ofs=32, size=4>
object_callback	**Value:** <Field type=CFunctionType, ofs=188, size=8>
parent	**Value:** <Field type=LP_FL_OBJECT_, ofs=264, size=8>
posthandle	**Value:** <Field type=CFunctionType, ofs=220, size=8>
prehandle	**Value:** <Field type=CFunctionType, ofs=212, size=8>
prev	**Value:** <Field type=LP_FL_OBJECT_, ofs=248, size=8>
pushed	**Value:** <Field type=c_int, ofs=312, size=4>
radio	**Value:** <Field type=c_int, ofs=336, size=4>
redraw	**Value:** <Field type=c_int, ofs=344, size=4>
resize	**Value:** <Field type=c_uint, ofs=236, size=4>
returned	**Value:** <Field type=c_int, ofs=300, size=4>
segravity	**Value:** <Field type=c_uint, ofs=244, size=4>

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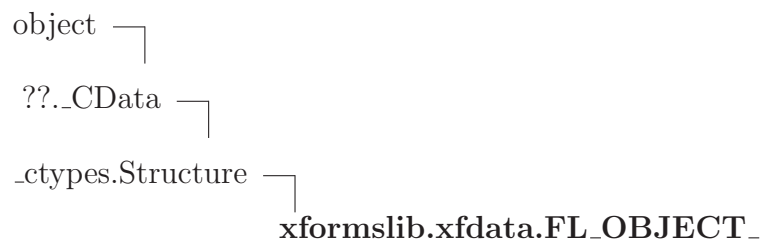
Name	Description
set_return	**Value:** <Field type=CFunctionType, ofs=228, size=8>
shortcut	**Value:** <Field type=LP_c_long, ofs=172, size=8>
spec	**Value:** <Field type=c_void_p, ofs=204, size=8>
tipID	**Value:** <Field type=c_int, ofs=408, size=4>
tooltip	**Value:** <Field type=c_char_p, ofs=400, size=8>
type	**Value:** <Field type=c_int, ofs=36, size=4>
u_cdata	**Value:** <Field type=c_char_p, ofs=16, size=8>
u_ldata	**Value:** <Field type=c_long, ofs=24, size=8>
u_vdata	**Value:** <Field type=c_void_p, ofs=8, size=8>
use_pixmap	**Value:** <Field type=c_int, ofs=296, size=4>
visible	**Value:** <Field type=c_int, ofs=348, size=4>
w	**Value:** <Field type=c_int, ofs=52, size=4>
want_motion	**Value:** <Field type=c_int, ofs=416, size=4>
want_update	**Value:** <Field type=c_int, ofs=420, size=4>
wantkey	**Value:** <Field type=c_int, ofs=332, size=4>
x	**Value:** <Field type=c_int, ofs=44, size=4>
y	**Value:** <Field type=c_int, ofs=48, size=4>

2.10 Class FL_OBJECT_



2.10.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.10.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.10.3 Class Variables

Name	Description
pack	**Value:** `4`
fields	**Value:** `[('form', <class 'xformslib.xfdata.LP_FL_FORM_'>), ('u_vd...`
active	**Value:** `<Field type=c_int, ofs=324, size=4>`
align	**Value:** `<Field type=c_int, ofs=160, size=4>`

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Name	Description
argument	**Value:** <Field type=c_long, ofs=196, size=8>
automatic	**Value:** <Field type=c_int, ofs=340, size=4>
belowmouse	**Value:** <Field type=c_int, ofs=320, size=4>
boxtype	**Value:** <Field type=c_int, ofs=40, size=4>
bw	**Value:** <Field type=c_int, ofs=124, size=4>
c_cdata	**Value:** <Field type=c_char_p, ofs=376, size=8>
c_ldata	**Value:** <Field type=c_long, ofs=384, size=8>
c_vdata	**Value:** <Field type=c_void_p, ofs=368, size=8>
child	**Value:** <Field type=LP_FL_OBJECT_, ofs=272, size=8>
click_timeout	**Value:** <Field type=c_ulong, ofs=360, size=8>
clip	**Value:** <Field type=c_int, ofs=356, size=4>
col1	**Value:** <Field type=c_ulong, ofs=128, size=8>
col2	**Value:** <Field type=c_ulong, ofs=136, size=8>
dbl_background	**Value:** <Field type=c_ulong, ofs=392, size=8>
double_buffer	**Value:** <Field type=c_int, ofs=308, size=4>
fb1	**Value:** <Field type=c_double, ofs=84, size=8>
fb2	**Value:** <Field type=c_double, ofs=116, size=8>
fl1	**Value:** <Field type=c_double, ofs=60, size=8>
fl2	**Value:** <Field type=c_double, ofs=92, size=8>
flpixmap	**Value:** <Field type=LP_FL_pixmap_, ofs=288, size=8>
focus	**Value:** <Field type=c_int, ofs=316, size=4>

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Name	Description
form	**Value:** <Field type=LP_FL_FORM_, ofs=0, size=8>
fr1	**Value:** <Field type=c_double, ofs=68, size=8>
fr2	**Value:** <Field type=c_double, ofs=100, size=8>
ft1	**Value:** <Field type=c_double, ofs=76, size=8>
ft2	**Value:** <Field type=c_double, ofs=108, size=8>
group_id	**Value:** <Field type=c_int, ofs=412, size=4>
h	**Value:** <Field type=c_int, ofs=56, size=4>
handle	**Value:** <Field type=CFunctionType, ofs=180, size=8>
how_return	**Value:** <Field type=c_int, ofs=304, size=4>
input	**Value:** <Field type=c_int, ofs=328, size=4>
is_under	**Value:** <Field type=c_int, ofs=352, size=4>
label	**Value:** <Field type=c_char_p, ofs=144, size=8>
lcol	**Value:** <Field type=c_ulong, ofs=152, size=8>
lsize	**Value:** <Field type=c_int, ofs=164, size=4>
lstyle	**Value:** <Field type=c_int, ofs=168, size=4>
nc	**Value:** <Field type=LP_FL_OBJECT_, ofs=280, size=8>
next	**Value:** <Field type=LP_FL_OBJECT_, ofs=256, size=8>
nwgravity	**Value:** <Field type=c_uint, ofs=240, size=4>
objclass	**Value:** <Field type=c_int, ofs=32, size=4>
object_callback	**Value:** <Field type=CFunctionType, ofs=188, size=8>
parent	**Value:** <Field type=LP_FL_OBJECT_, ofs=264, size=8>

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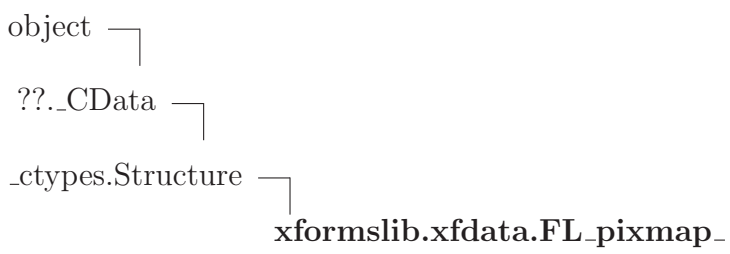
Name	Description
posthandle	**Value:** <Field type=CFunctionType, ofs=220, size=8>
prehandle	**Value:** <Field type=CFunctionType, ofs=212, size=8>
prev	**Value:** <Field type=LP_FL_OBJECT_, ofs=248, size=8>
pushed	**Value:** <Field type=c_int, ofs=312, size=4>
radio	**Value:** <Field type=c_int, ofs=336, size=4>
redraw	**Value:** <Field type=c_int, ofs=344, size=4>
resize	**Value:** <Field type=c_uint, ofs=236, size=4>
returned	**Value:** <Field type=c_int, ofs=300, size=4>
segravity	**Value:** <Field type=c_uint, ofs=244, size=4>
set_return	**Value:** <Field type=CFunctionType, ofs=228, size=8>
shortcut	**Value:** <Field type=LP_c_long, ofs=172, size=8>
spec	**Value:** <Field type=c_void_p, ofs=204, size=8>
tipID	**Value:** <Field type=c_int, ofs=408, size=4>
tooltip	**Value:** <Field type=c_char_p, ofs=400, size=8>
type	**Value:** <Field type=c_int, ofs=36, size=4>
u_cdata	**Value:** <Field type=c_char_p, ofs=16, size=8>
u_ldata	**Value:** <Field type=c_long, ofs=24, size=8>
u_vdata	**Value:** <Field type=c_void_p, ofs=8, size=8>
use_pixmap	**Value:** <Field type=c_int, ofs=296, size=4>
visible	**Value:** <Field type=c_int, ofs=348, size=4>
w	**Value:** <Field type=c_int, ofs=52, size=4>

continued on next page

Name	Description
want_motion	**Value:** <Field type=c_int, ofs=416, size=4>
want_update	**Value:** <Field type=c_int, ofs=420, size=4>
wantkey	**Value:** <Field type=c_int, ofs=332, size=4>
x	**Value:** <Field type=c_int, ofs=44, size=4>
y	**Value:** <Field type=c_int, ofs=48, size=4>

2.11 Class FL_pixmap_



2.11.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.11.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	

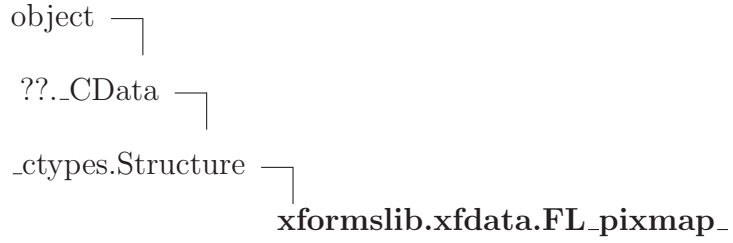
continued on next page

Name	Description
Inherited from object	
__class__	

2.11.3 Class Variables

Name	Description
fields	**Value:** `[('pixmap', <class 'ctypes.c_ulong'>), ('win', <class 'ct...`
dbl_background	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
depth	**Value:** `<Field type=c_int, ofs=40, size=4>`
h	**Value:** `<Field type=c_int, ofs=36, size=4>`
pixel	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
pixmap	**Value:** `<Field type=c_ulong, ofs=0, size=8>`
visual	**Value:** `<Field type=LP_Visual, ofs=16, size=8>`
w	**Value:** `<Field type=c_int, ofs=32, size=4>`
win	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
x	**Value:** `<Field type=c_int, ofs=24, size=4>`
y	**Value:** `<Field type=c_int, ofs=28, size=4>`

2.12 Class FL_pixmap_



2.12.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.12.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.12.3 Class Variables

Name	Description
fields	**Value:** `[('pixmap', <class 'ctypes.c_ulong'>), ('win', <class 'ct...`
dbl_background	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
depth	**Value:** `<Field type=c_int, ofs=40, size=4>`
h	**Value:** `<Field type=c_int, ofs=36, size=4>`
pixel	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
pixmap	**Value:** `<Field type=c_ulong, ofs=0, size=8>`
visual	**Value:** `<Field type=LP_Visual, ofs=16, size=8>`
w	**Value:** `<Field type=c_int, ofs=32, size=4>`

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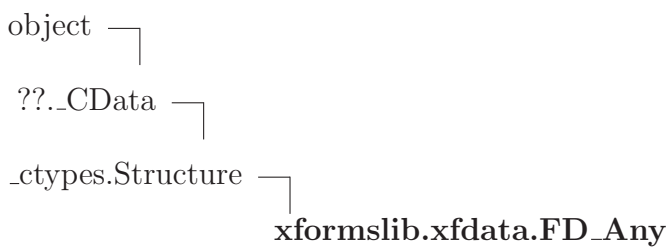
Name	Description
win	**Value:** <Field type=c_ulong, ofs=8, size=8>
x	**Value:** <Field type=c_int, ofs=24, size=4>
y	**Value:** <Field type=c_int, ofs=28, size=4>

2.13 Class FD_Any



2.13.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

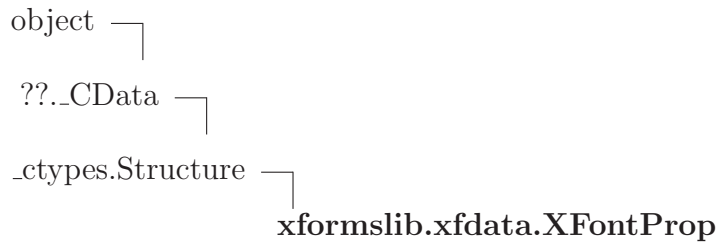
2.13.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.13.3 Class Variables

Name	Description
fields	**Value:** `[('form', <class 'xformslib.xfdata.LP_FL_FORM_'>), ('vdat...`
cdata	**Value:** `<Field type=c_char_p, ofs=16, size=8>`
form	**Value:** `<Field type=LP_FL_FORM_, ofs=0, size=8>`
ldata	**Value:** `<Field type=c_long, ofs=24, size=8>`
vdata	**Value:** `<Field type=c_void_p, ofs=8, size=8>`

2.14 Class XFontProp



2.14.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.14.2 Properties

Name	Description
Inherited from ??._CData	

continued on next page

Name	Description
_b_base_, _b_needsfree_	
Inherited from object __class__	

2.14.3 Class Variables

Name	Description
fields	**Value:** `[('name', <class 'ctypes.c_ulong'>), ('card32', <class 'c...`
card32	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
name	**Value:** `<Field type=c_ulong, ofs=0, size=8>`

2.15 Class XCharStruct

object
 ??._CData
 _ctypes.Structure
 xformslib.xfdata.XCharStruct

2.15.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

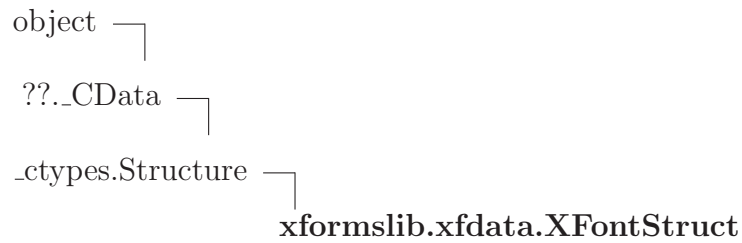
2.15.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.15.3 Class Variables

Name	Description
fields	**Value:** `[('lbearing', <class 'ctypes.c_short'>), ('rbearing', <cl...`
ascent	**Value:** `<Field type=c_short, ofs=6, size=2>`
attributes	**Value:** `<Field type=c_ushort, ofs=10, size=2>`
descent	**Value:** `<Field type=c_short, ofs=8, size=2>`
lbearing	**Value:** `<Field type=c_short, ofs=0, size=2>`
rbearing	**Value:** `<Field type=c_short, ofs=2, size=2>`
width	**Value:** `<Field type=c_short, ofs=4, size=2>`

2.16 Class XFontStruct



2.16.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.16.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.16.3 Class Variables

Name	Description
fields	**Value:** `[('ext_data', <class 'xformslib.xfdata.LP__XExtData'>), (...`
all_chars_exist	**Value:** `<Field type=c_int, ofs=36, size=4>`
ascent	**Value:** `<Field type=c_int, ofs=88, size=4>`
default_char	**Value:** `<Field type=c_uint, ofs=40, size=4>`
descent	**Value:** `<Field type=c_int, ofs=92, size=4>`
direction	**Value:** `<Field type=c_uint, ofs=16, size=4>`
ext_data	**Value:** `<Field type=LP__XExtData, ofs=0, size=8>`
fid	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
max_bounds	**Value:** `<Field type=XCharStruct, ofs=68, size=12>`
max_byte1	**Value:** `<Field type=c_uint, ofs=32, size=4>`
max_char_or_byte2	**Value:** `<Field type=c_uint, ofs=24, size=4>`
min_bounds	**Value:** `<Field type=XCharStruct, ofs=56, size=12>`

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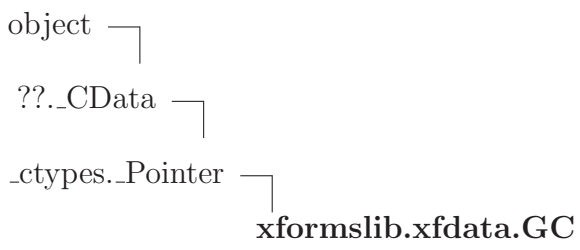
Name	Description
min_byte1	**Value:** <Field type=c_uint, ofs=28, size=4>
min_char_or_byte2	**Value:** <Field type=c_uint, ofs=20, size=4>
n_properties	**Value:** <Field type=c_int, ofs=44, size=4>
per_char	**Value:** <Field type=LP_XCharStruct, ofs=80, size=8>
properties	**Value:** <Field type=LP_XFontProp, ofs=48, size=8>

2.17 Class GC



2.17.1 Methods

Inherited from _ctypes._Pointer

__delitem__(), __getitem__(), __getslice__(), __init__(), __new__(), __nonzero__(), __setitem__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.17.2 Properties

Name	Description
Inherited from _ctypes._Pointer	
contents	

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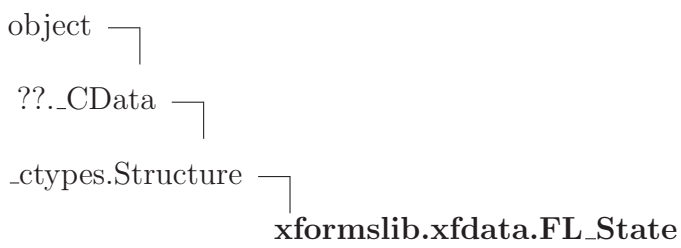
Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.18 Class FL_State



2.18.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.18.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.18.3 Class Variables

Name	Description
fields	**Value:** [('xvinfo', <class 'xformslib.xfdata.LP_XVisualInfo'>), (...
bbits	**Value:** <Field type=c_uint, ofs=8544, size=4>
bmask	**Value:** <Field type=c_uint, ofs=8540, size=4>
bshift	**Value:** <Field type=c_uint, ofs=8536, size=4>
colormap	**Value:** <Field type=c_ulong, ofs=16, size=8>
cur_fnt	**Value:** <Field type=LP_XFontStruct, ofs=8, size=8>
depth	**Value:** <Field type=c_int, ofs=36, size=4>
dimmedGC	**Value:** <Field type=LP__XGC, ofs=312, size=8>
dithered	**Value:** <Field type=c_int, ofs=44, size=4>
gbits	**Value:** <Field type=c_uint, ofs=8532, size=4>
gc	**Value:** <Field type=LP__XGC_Array_16, ofs=56, size=128>
gmask	**Value:** <Field type=c_uint, ofs=8528, size=4>
gshift	**Value:** <Field type=c_uint, ofs=8524, size=4>
lut	**Value:** <Field type=c_ulong_Array_1024, ofs=320, size=8192>
pcm	**Value:** <Field type=c_int, ofs=48, size=4>
rbits	**Value:** <Field type=c_uint, ofs=8520, size=4>
rgb_bits	**Value:** <Field type=c_int, ofs=40, size=4>
rmask	**Value:** <Field type=c_uint, ofs=8516, size=4>
rshift	**Value:** <Field type=c_uint, ofs=8512, size=4>
textgc	**Value:** <Field type=LP__XGC_Array_16, ofs=184, size=128>

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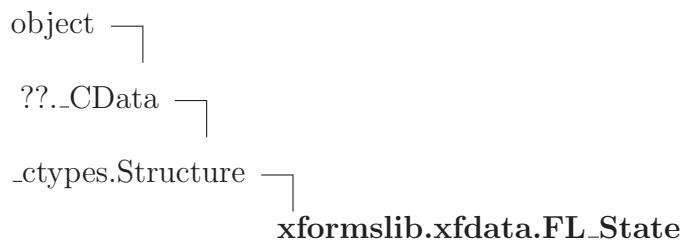
Name	Description
trailblazer	**Value:** <Field type=c_ulong, ofs=24, size=8>
vclass	**Value:** <Field type=c_int, ofs=32, size=4>
xvinfo	**Value:** <Field type=LP_XVisualInfo, ofs=0, size=8>

2.19 Class FL_State



2.19.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.19.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.19.3 Class Variables

Name	Description
fields	**Value:** [('xvinfo', <class 'xformslib.xfdata.LP_XVisualInfo'>), (...
bbits	**Value:** <Field type=c_uint, ofs=8544, size=4>
bmask	**Value:** <Field type=c_uint, ofs=8540, size=4>
bshift	**Value:** <Field type=c_uint, ofs=8536, size=4>
colormap	**Value:** <Field type=c_ulong, ofs=16, size=8>
cur_fnt	**Value:** <Field type=LP_XFontStruct, ofs=8, size=8>
depth	**Value:** <Field type=c_int, ofs=36, size=4>
dimmedGC	**Value:** <Field type=LP__XGC, ofs=312, size=8>
dithered	**Value:** <Field type=c_int, ofs=44, size=4>
gbits	**Value:** <Field type=c_uint, ofs=8532, size=4>
gc	**Value:** <Field type=LP__XGC_Array_16, ofs=56, size=128>
gmask	**Value:** <Field type=c_uint, ofs=8528, size=4>
gshift	**Value:** <Field type=c_uint, ofs=8524, size=4>
lut	**Value:** <Field type=c_ulong_Array_1024, ofs=320, size=8192>
pcm	**Value:** <Field type=c_int, ofs=48, size=4>
rbits	**Value:** <Field type=c_uint, ofs=8520, size=4>
rgb_bits	**Value:** <Field type=c_int, ofs=40, size=4>
rmask	**Value:** <Field type=c_uint, ofs=8516, size=4>
rshift	**Value:** <Field type=c_uint, ofs=8512, size=4>
textgc	**Value:** <Field type=LP__XGC_Array_16, ofs=184, size=128>

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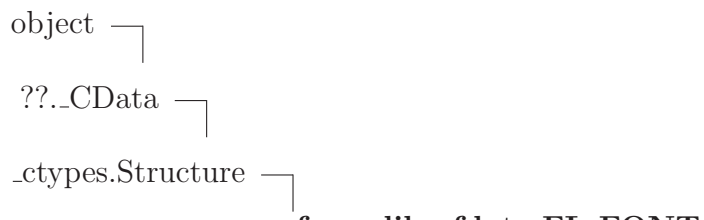
Name	Description
trailblazer	**Value:** <Field type=c_ulong, ofs=24, size=8>
vclass	**Value:** <Field type=c_int, ofs=32, size=4>
xvinfo	**Value:** <Field type=LP_XVisualInfo, ofs=0, size=8>

2.20 Class FL_FONT



2.20.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.20.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.20.3 Class Variables

Name	Description
fields	**Value:** `[('fs', <class 'xformslib.xfdata.LP_XFontStruct_Array_10'...`
fname	**Value:** `<Field type=c_char_Array_80, ofs=102, size=80>`
fs	**Value:** `<Field type=LP_XFontStruct_Array_10, ofs=0, size=80>`
nsize	**Value:** `<Field type=c_short, ofs=100, size=2>`
size	**Value:** `<Field type=c_short_Array_10, ofs=80, size=20>`

2.21 Class XPoint

object
 ??._CData
 _ctypes.Structure
 xformslib.xfdata.XPoint

2.21.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.21.2 Properties

Name	Description
Inherited from ??._CData	

continued on next page

Name	Description
_b_base_, _b_needsfree_	
Inherited from object __class__	

2.21.3 Class Variables

Name	Description
fields	**Value:** `[('x', <class 'ctypes.c_short'>), ('y', <class 'ctypes.c_...`
x	**Value:** `<Field type=c_short, ofs=0, size=2>`
y	**Value:** `<Field type=c_short, ofs=2, size=2>`

2.22 Class XPoint

object
??._CData
_ctypes.Structure
xformslib.xfdata.XPoint

2.22.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

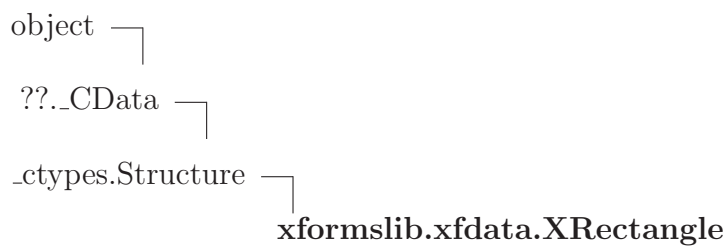
2.22.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.22.3 Class Variables

Name	Description
fields	**Value:** `[('x', <class 'ctypes.c_short'>), ('y', <class 'ctypes.c_...`
x	**Value:** `<Field type=c_short, ofs=0, size=2>`
y	**Value:** `<Field type=c_short, ofs=2, size=2>`

2.23 Class XRectangle



2.23.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.23.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.23.3 Class Variables

Name	Description
fields	**Value:** `[('x', <class 'ctypes.c_short'>), ('y', <class 'ctypes.c_...`
height	**Value:** `<Field type=c_ushort, ofs=6, size=2>`
width	**Value:** `<Field type=c_ushort, ofs=4, size=2>`
x	**Value:** `<Field type=c_short, ofs=0, size=2>`
y	**Value:** `<Field type=c_short, ofs=2, size=2>`

2.24 Class XRectangle

object
 ??._CData
  _ctypes.Structure
   xformslib.xfdata.XRectangle

2.24.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.24.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.24.3 Class Variables

Name	Description
fields	**Value:** `[('x', <class 'ctypes.c_short'>), ('y', <class 'ctypes.c_...`
height	**Value:** `<Field type=c_ushort, ofs=6, size=2>`
width	**Value:** `<Field type=c_ushort, ofs=4, size=2>`
x	**Value:** `<Field type=c_short, ofs=0, size=2>`
y	**Value:** `<Field type=c_short, ofs=2, size=2>`

2.25 Class FL_RESOURCE

2.25.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.25.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.25.3 Class Variables

Name	Description
fields	**Value:** `[('res_name', <class 'ctypes.c_char_p'>), ('res_class', <...`
defval	**Value:** `<Field type=c_char_p, ofs=32, size=8>`
nbytes	**Value:** `<Field type=c_int, ofs=40, size=4>`
res_class	**Value:** `<Field type=c_char_p, ofs=8, size=8>`
res_name	**Value:** `<Field type=c_char_p, ofs=0, size=8>`
type	**Value:** `<Field type=c_int, ofs=16, size=4>`
var	**Value:** `<Field type=c_void_p, ofs=24, size=8>`

2.26 Class XrmOptionDescRec

object
??._CData
_ctypes.Structure
xformslib.xfdata.XrmOptionDescRec

2.26.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.26.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.26.3 Class Variables

Name	Description
fields	**Value:** `[('option', <class 'ctypes.c_char_p'>), ('specifier', <cl...`
argKind	**Value:** `<Field type=c_int, ofs=16, size=4>`
option	**Value:** `<Field type=c_char_p, ofs=0, size=8>`

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Name	Description
specifier	**Value:** <Field type=c_char_p, ofs=8, size=8>
value	**Value:** <Field type=c_char_p, ofs=24, size=8>

2.27 Class XrmOptionDescList

object
 ??._CData
 _ctypes._Pointer
 xformslib.xfdata.XrmOptionDescList

2.27.1 Methods

Inherited from _ctypes._Pointer

__delitem__(), __getitem__(), __getslice__(), __init__(), __new__(), __nonzero__(), __setitem__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.27.2 Properties

Name	Description
Inherited from _ctypes._Pointer contents	
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.28 Class XrmOptionDescRec

object
??._CData
_ctypes.Structure
xformslib.xfdata.XrmOptionDescRec

2.28.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.28.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.28.3 Class Variables

Name	Description
fields	**Value:** `[('option', <class 'ctypes.c_char_p'>), ('specifier', <cl...`
argKind	**Value:** `<Field type=c_int, ofs=16, size=4>`
option	**Value:** `<Field type=c_char_p, ofs=0, size=8>`

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Name	Description
specifier	**Value:** <Field type=c_char_p, ofs=8, size=8>
value	**Value:** <Field type=c_char_p, ofs=24, size=8>

2.29 Class FL_RESOURCE

object
??._CData
_ctypes.Structure
xformslib.xfdata.FL_RESOURCE

2.29.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.29.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.29.3 Class Variables

Name	Description
fields	**Value:** `[('res_name', <class 'ctypes.c_char_p'>), ('res_class', <...`
defval	**Value:** `<Field type=c_char_p, ofs=32, size=8>`
nbytes	**Value:** `<Field type=c_int, ofs=40, size=4>`
res_class	**Value:** `<Field type=c_char_p, ofs=8, size=8>`
res_name	**Value:** `<Field type=c_char_p, ofs=0, size=8>`
type	**Value:** `<Field type=c_int, ofs=16, size=4>`
var	**Value:** `<Field type=c_void_p, ofs=24, size=8>`

2.30 Class FL_IOPT

object
??._CData
_ctypes.Structure
xformslib.xfdata.FL_IOPT

2.30.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.30.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.30.3 Class Variables

Name	Description
fields	**Value:** `[('rgamma', <class 'ctypes.c_float'>), ('ggamma', <class ...`
backingStore	**Value:** `<Field type=c_int, ofs=92, size=4>`
bgamma	**Value:** `<Field type=c_float, ofs=8, size=4>`
borderWidth	**Value:** `<Field type=c_int, ofs=100, size=4>`
browserFontSize	**Value:** `<Field type=c_int, ofs=52, size=4>`
buttonFontSize	**Value:** `<Field type=c_int, ofs=40, size=4>`
choiceFontSize	**Value:** `<Field type=c_int, ofs=60, size=4>`
coordUnit	**Value:** `<Field type=c_int, ofs=96, size=4>`
debug	**Value:** `<Field type=c_int, ofs=12, size=4>`
depth	**Value:** `<Field type=c_int, ofs=20, size=4>`
doubleBuffer	**Value:** `<Field type=c_int, ofs=28, size=4>`
ggamma	**Value:** `<Field type=c_float, ofs=4, size=4>`
inputFontSize	**Value:** `<Field type=c_int, ofs=48, size=4>`
labelFontSize	**Value:** `<Field type=c_int, ofs=64, size=4>`
menuFontSize	**Value:** `<Field type=c_int, ofs=56, size=4>`
privateColormap	**Value:** `<Field type=c_int, ofs=76, size=4>`

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Name	Description
pupFontSize	**Value:** <Field type=c_int, ofs=68, size=4>
pupFontStyle	**Value:** <Field type=c_int, ofs=72, size=4>
rgamma	**Value:** <Field type=c_float, ofs=0, size=4>
rgbfile	**Value:** <Field type=c_char_p, ofs=112, size=8>
safe	**Value:** <Field type=c_int, ofs=104, size=4>
scrollbarType	**Value:** <Field type=c_int, ofs=88, size=4>
sharedColormap	**Value:** <Field type=c_int, ofs=80, size=4>
sliderFontSize	**Value:** <Field type=c_int, ofs=44, size=4>
standardColormap	**Value:** <Field type=c_int, ofs=84, size=4>
sync	**Value:** <Field type=c_int, ofs=16, size=4>
ulPropWidth	**Value:** <Field type=c_int, ofs=32, size=4>
ulThickness	**Value:** <Field type=c_int, ofs=36, size=4>
vclass	**Value:** <Field type=c_int, ofs=24, size=4>
vname	**Value:** <Field type=c_char_Array_24, ofs=120, size=24>

2.31 Class FL_RGB2PIXEL_

2.31.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.31.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.31.3 Class Variables

Name	Description
fields	**Value:** `[('rshift', <class 'ctypes.c_uint'>), ('rmask', <class 'c...`
bbits	**Value:** `<Field type=c_uint, ofs=32, size=4>`
bits_per_rgb	**Value:** `<Field type=c_int, ofs=36, size=4>`
bmask	**Value:** `<Field type=c_uint, ofs=28, size=4>`
bshift	**Value:** `<Field type=c_uint, ofs=24, size=4>`
colormap_size	**Value:** `<Field type=c_int, ofs=40, size=4>`
gbits	**Value:** `<Field type=c_uint, ofs=20, size=4>`
gmask	**Value:** `<Field type=c_uint, ofs=16, size=4>`

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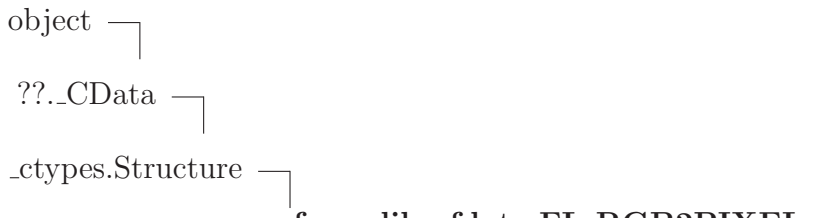
Name	Description
gshift	**Value:** <Field type=c_uint, ofs=12, size=4>
rbits	**Value:** <Field type=c_uint, ofs=8, size=4>
rmask	**Value:** <Field type=c_uint, ofs=4, size=4>
rshift	**Value:** <Field type=c_uint, ofs=0, size=4>

2.32 Class FL_RGB2PIXEL_



2.32.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.32.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.32.3 Class Variables

Name	Description
fields	**Value:** `[('rshift', <class 'ctypes.c_uint'>), ('rmask', <class 'c...`
bbits	**Value:** `<Field type=c_uint, ofs=32, size=4>`
bits_per_rgb	**Value:** `<Field type=c_int, ofs=36, size=4>`
bmask	**Value:** `<Field type=c_uint, ofs=28, size=4>`
bshift	**Value:** `<Field type=c_uint, ofs=24, size=4>`
colormap_size	**Value:** `<Field type=c_int, ofs=40, size=4>`
gbits	**Value:** `<Field type=c_uint, ofs=20, size=4>`
gmask	**Value:** `<Field type=c_uint, ofs=16, size=4>`
gshift	**Value:** `<Field type=c_uint, ofs=12, size=4>`
rbits	**Value:** `<Field type=c_uint, ofs=8, size=4>`
rmask	**Value:** `<Field type=c_uint, ofs=4, size=4>`
rshift	**Value:** `<Field type=c_uint, ofs=0, size=4>`

2.33 Class FL_POPUP_

object
??._CData
_ctypes.Structure
xformslib.xfdata.FL_POPUP_

2.33.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.33.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.33.3 Class Variables

Name	Description
fields	**Value:** `[('next', <class 'xformslib.xfdata.LP_FL_POPUP_'>), ('pre...`
bg_color	**Value:** `<Field type=c_ulong, ofs=176, size=8>`
bw	**Value:** `<Field type=c_int, ofs=168, size=4>`
callback	**Value:** `<Field type=CFunctionType, ofs=72, size=8>`
counter	**Value:** `<Field type=c_int, ofs=136, size=4>`
cursor	**Value:** `<Field type=c_ulong, ofs=64, size=8>`
entries	**Value:** `<Field type=LP_FL_POPUP_ENTRY_, ofs=32, size=8>`
entry_font_size	**Value:** `<Field type=c_int, ofs=152, size=4>`
entry_font_style	**Value:** `<Field type=c_int, ofs=148, size=4>`
event_mask	**Value:** `<Field type=c_ulong, ofs=160, size=8>`

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Name	Description
h	**Value:** <Field type=c_uint, ofs=104, size=4>
has_boxes	**Value:** <Field type=c_int, ofs=132, size=4>
has_subs	**Value:** <Field type=c_int, ofs=128, size=4>
min_width	**Value:** <Field type=c_int, ofs=108, size=4>
need_recalc	**Value:** <Field type=c_int, ofs=236, size=4>
next	**Value:** <Field type=LP_FL_POPUP_, ofs=0, size=8>
on_color	**Value:** <Field type=c_ulong, ofs=184, size=8>
parent	**Value:** <Field type=LP_FL_POPUP_, ofs=16, size=8>
parent_win	**Value:** <Field type=c_ulong, ofs=56, size=8>
policy	**Value:** <Field type=c_int, ofs=232, size=4>
prev	**Value:** <Field type=LP_FL_POPUP_, ofs=8, size=8>
radio_color	**Value:** <Field type=c_ulong, ofs=224, size=8>
req_x	**Value:** <Field type=c_int, ofs=84, size=4>
req_y	**Value:** <Field type=c_int, ofs=88, size=4>
ret	**Value:** <Field type=FL_POPUP_RETURN_, ofs=240, size=56>
text_color	**Value:** <Field type=c_ulong, ofs=200, size=8>
text_off_color	**Value:** <Field type=c_ulong, ofs=216, size=8>
text_on_color	**Value:** <Field type=c_ulong, ofs=208, size=8>
title	**Value:** <Field type=c_char_p, ofs=40, size=8>
title_box_h	**Value:** <Field type=c_uint, ofs=124, size=4>
title_box_w	**Value:** <Field type=c_uint, ofs=120, size=4>

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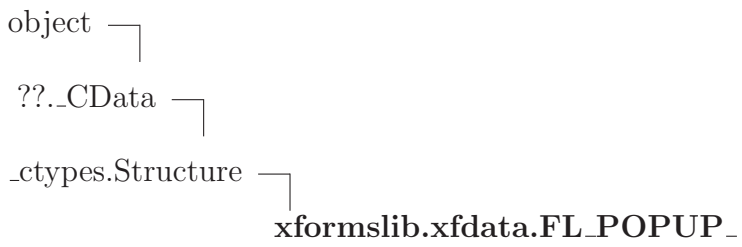
Name	Description
title_box_x	**Value:** <Field type=c_int, ofs=112, size=4>
title_box_y	**Value:** <Field type=c_int, ofs=116, size=4>
title_color	**Value:** <Field type=c_ulong, ofs=192, size=8>
title_font_size	**Value:** <Field type=c_int, ofs=144, size=4>
title_font_style	**Value:** <Field type=c_int, ofs=140, size=4>
top_parent	**Value:** <Field type=LP_FL_POPUP_, ofs=24, size=8>
use_req_pos	**Value:** <Field type=c_int, ofs=80, size=4>
w	**Value:** <Field type=c_uint, ofs=100, size=4>
win	**Value:** <Field type=c_ulong, ofs=48, size=8>
x	**Value:** <Field type=c_int, ofs=92, size=4>
y	**Value:** <Field type=c_int, ofs=96, size=4>

2.34 Class FL_POPUP_



2.34.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.34.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.34.3 Class Variables

Name	Description
fields	**Value:** `[('next', <class 'xformslib.xfdata.LP_FL_POPUP_'>), ('pre...`
bg_color	**Value:** `<Field type=c_ulong, ofs=176, size=8>`
bw	**Value:** `<Field type=c_int, ofs=168, size=4>`
callback	**Value:** `<Field type=CFunctionType, ofs=72, size=8>`
counter	**Value:** `<Field type=c_int, ofs=136, size=4>`
cursor	**Value:** `<Field type=c_ulong, ofs=64, size=8>`
entries	**Value:** `<Field type=LP_FL_POPUP_ENTRY_, ofs=32, size=8>`
entry_font_size	**Value:** `<Field type=c_int, ofs=152, size=4>`
entry_font_style	**Value:** `<Field type=c_int, ofs=148, size=4>`
event_mask	**Value:** `<Field type=c_ulong, ofs=160, size=8>`
h	**Value:** `<Field type=c_uint, ofs=104, size=4>`
has_boxes	**Value:** `<Field type=c_int, ofs=132, size=4>`
has_subs	**Value:** `<Field type=c_int, ofs=128, size=4>`

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Name	Description
min_width	**Value:** <Field type=c_int, ofs=108, size=4>
need_recalc	**Value:** <Field type=c_int, ofs=236, size=4>
next	**Value:** <Field type=LP_FL_POPUP_, ofs=0, size=8>
on_color	**Value:** <Field type=c_ulong, ofs=184, size=8>
parent	**Value:** <Field type=LP_FL_POPUP_, ofs=16, size=8>
parent_win	**Value:** <Field type=c_ulong, ofs=56, size=8>
policy	**Value:** <Field type=c_int, ofs=232, size=4>
prev	**Value:** <Field type=LP_FL_POPUP_, ofs=8, size=8>
radio_color	**Value:** <Field type=c_ulong, ofs=224, size=8>
req_x	**Value:** <Field type=c_int, ofs=84, size=4>
req_y	**Value:** <Field type=c_int, ofs=88, size=4>
ret	**Value:** <Field type=FL_POPUP_RETURN_, ofs=240, size=56>
text_color	**Value:** <Field type=c_ulong, ofs=200, size=8>
text_off_color	**Value:** <Field type=c_ulong, ofs=216, size=8>
text_on_color	**Value:** <Field type=c_ulong, ofs=208, size=8>
title	**Value:** <Field type=c_char_p, ofs=40, size=8>
title_box_h	**Value:** <Field type=c_uint, ofs=124, size=4>
title_box_w	**Value:** <Field type=c_uint, ofs=120, size=4>
title_box_x	**Value:** <Field type=c_int, ofs=112, size=4>
title_box_y	**Value:** <Field type=c_int, ofs=116, size=4>
title_color	**Value:** <Field type=c_ulong, ofs=192, size=8>

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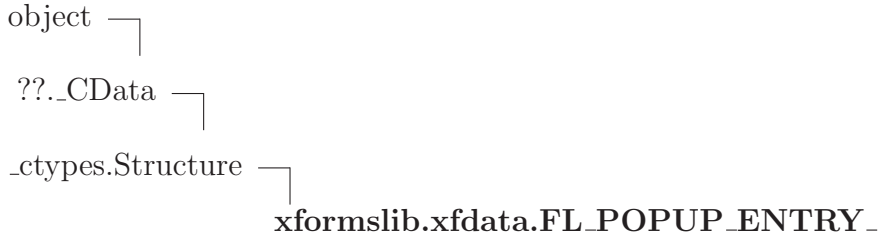
Name	Description
title_font_size	**Value:** <Field type=c_int, ofs=144, size=4>
title_font_style	**Value:** <Field type=c_int, ofs=140, size=4>
top_parent	**Value:** <Field type=LP_FL_POPUP_, ofs=24, size=8>
use_req_pos	**Value:** <Field type=c_int, ofs=80, size=4>
w	**Value:** <Field type=c_uint, ofs=100, size=4>
win	**Value:** <Field type=c_ulong, ofs=48, size=8>
x	**Value:** <Field type=c_int, ofs=92, size=4>
y	**Value:** <Field type=c_int, ofs=96, size=4>

2.35 Class FL_POPUP_ENTRY_



2.35.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.35.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.35.3 Class Variables

Name	Description
fields	**Value:** `[('prev', <class 'xformslib.xfdata.LP_FL_POPUP_ENTRY_'>),...`
accel	**Value:** `<Field type=c_char_p, ofs=48, size=8>`
box_h	**Value:** `<Field type=c_uint, ofs=164, size=4>`
box_w	**Value:** `<Field type=c_uint, ofs=160, size=4>`
box_x	**Value:** `<Field type=c_int, ofs=152, size=4>`
box_y	**Value:** `<Field type=c_int, ofs=156, size=4>`
callback	**Value:** `<Field type=CFunctionType, ofs=112, size=8>`
enter_callback	**Value:** `<Field type=CFunctionType, ofs=120, size=8>`
group	**Value:** `<Field type=c_int, ofs=80, size=4>`
h	**Value:** `<Field type=c_uint, ofs=148, size=4>`
is_act	**Value:** `<Field type=c_int, ofs=24, size=4>`
label	**Value:** `<Field type=c_char_p, ofs=40, size=8>`
leave_callback	**Value:** `<Field type=CFunctionType, ofs=128, size=8>`
next	**Value:** `<Field type=LP_FL_POPUP_ENTRY_, ofs=8, size=8>`
popup	**Value:** `<Field type=LP_FL_POPUP_, ofs=16, size=8>`
prev	**Value:** `<Field type=LP_FL_POPUP_ENTRY_, ofs=0, size=8>`

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Name	Description
shortcut	**Value:** <Field type=LP_c_long, ofs=96, size=8>
sl_h	**Value:** <Field type=c_uint, ofs=168, size=4>
state	**Value:** <Field type=c_uint, ofs=76, size=4>
sub	**Value:** <Field type=LP_FL_POPUP_, ofs=88, size=8>
text	**Value:** <Field type=c_char_p, ofs=32, size=8>
type	**Value:** <Field type=c_int, ofs=72, size=4>
ul_h	**Value:** <Field type=c_uint, ofs=184, size=4>
ul_w	**Value:** <Field type=c_uint, ofs=180, size=4>
ul_x	**Value:** <Field type=c_int, ofs=172, size=4>
ul_y	**Value:** <Field type=c_int, ofs=176, size=4>
ulpos	**Value:** <Field type=c_int, ofs=104, size=4>
user_data	**Value:** <Field type=c_void_p, ofs=64, size=8>
val	**Value:** <Field type=c_long, ofs=56, size=8>
w	**Value:** <Field type=c_uint, ofs=144, size=4>
x	**Value:** <Field type=c_int, ofs=136, size=4>
y	**Value:** <Field type=c_int, ofs=140, size=4>

2.36 Class FL_POPUP_ENTRY_

object
??._CData
_ctypes.Structure
xformslib.xfdata.FL_POPUP_ENTRY_

2.36.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.36.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.36.3 Class Variables

Name	Description
fields	**Value:** `[('prev', <class 'xformslib.xfdata.LP_FL_POPUP_ENTRY_'>),...`
accel	**Value:** `<Field type=c_char_p, ofs=48, size=8>`
box_h	**Value:** `<Field type=c_uint, ofs=164, size=4>`
box_w	**Value:** `<Field type=c_uint, ofs=160, size=4>`
box_x	**Value:** `<Field type=c_int, ofs=152, size=4>`
box_y	**Value:** `<Field type=c_int, ofs=156, size=4>`
callback	**Value:** `<Field type=CFunctionType, ofs=112, size=8>`
enter_callback	**Value:** `<Field type=CFunctionType, ofs=120, size=8>`
group	**Value:** `<Field type=c_int, ofs=80, size=4>`

continued on next page

Name	Description
h	**Value:** <Field type=c_uint, ofs=148, size=4>
is_act	**Value:** <Field type=c_int, ofs=24, size=4>
label	**Value:** <Field type=c_char_p, ofs=40, size=8>
leave_callback	**Value:** <Field type=CFunctionType, ofs=128, size=8>
next	**Value:** <Field type=LP_FL_POPUP_ENTRY_, ofs=8, size=8>
popup	**Value:** <Field type=LP_FL_POPUP_, ofs=16, size=8>
prev	**Value:** <Field type=LP_FL_POPUP_ENTRY_, ofs=0, size=8>
shortcut	**Value:** <Field type=LP_c_long, ofs=96, size=8>
sl_h	**Value:** <Field type=c_uint, ofs=168, size=4>
state	**Value:** <Field type=c_uint, ofs=76, size=4>
sub	**Value:** <Field type=LP_FL_POPUP_, ofs=88, size=8>
text	**Value:** <Field type=c_char_p, ofs=32, size=8>
type	**Value:** <Field type=c_int, ofs=72, size=4>
ul_h	**Value:** <Field type=c_uint, ofs=184, size=4>
ul_w	**Value:** <Field type=c_uint, ofs=180, size=4>
ul_x	**Value:** <Field type=c_int, ofs=172, size=4>
ul_y	**Value:** <Field type=c_int, ofs=176, size=4>
ulpos	**Value:** <Field type=c_int, ofs=104, size=4>
user_data	**Value:** <Field type=c_void_p, ofs=64, size=8>
val	**Value:** <Field type=c_long, ofs=56, size=8>
w	**Value:** <Field type=c_uint, ofs=144, size=4>

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Name	Description
x	**Value:** <Field type=c_int, ofs=136, size=4>
y	**Value:** <Field type=c_int, ofs=140, size=4>

2.37 Class FL_POPUP_RETURN_

object
??._CData
_ctypes.Structure
xformslib.xfdata.FL_POPUP_RETURN_

2.37.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.37.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.37.3 Class Variables

Name	Description
fields	**Value:** `[('val', <class 'ctypes.c_long'>), ('user_data', <class '...`
accel	**Value:** `<Field type=c_char_p, ofs=32, size=8>`
entry	**Value:** `<Field type=LP_FL_POPUP_ENTRY_, ofs=40, size=8>`
label	**Value:** `<Field type=c_char_p, ofs=24, size=8>`
popup	**Value:** `<Field type=LP_FL_POPUP_, ofs=48, size=8>`
text	**Value:** `<Field type=c_char_p, ofs=16, size=8>`
user_data	**Value:** `<Field type=c_void_p, ofs=8, size=8>`
val	**Value:** `<Field type=c_long, ofs=0, size=8>`

2.38 Class FL_POPUP_RETURN_

object
??._CData
_ctypes.Structure
xformslib.xfdata.FL_POPUP_RETURN_

2.38.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.38.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.38.3 Class Variables

Name	Description
fields	**Value:** `[('val', <class 'ctypes.c_long'>), ('user_data', <class '...`
accel	**Value:** `<Field type=c_char_p, ofs=32, size=8>`
entry	**Value:** `<Field type=LP_FL_POPUP_ENTRY_, ofs=40, size=8>`
label	**Value:** `<Field type=c_char_p, ofs=24, size=8>`
popup	**Value:** `<Field type=LP_FL_POPUP_, ofs=48, size=8>`
text	**Value:** `<Field type=c_char_p, ofs=16, size=8>`
user_data	**Value:** `<Field type=c_void_p, ofs=8, size=8>`
val	**Value:** `<Field type=c_long, ofs=0, size=8>`

2.39 Class FL_POPUP_ITEM

object
??._CData
_ctypes.Structure
xformslib.xfdata.FL_POPUP_ITEM

2.39.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

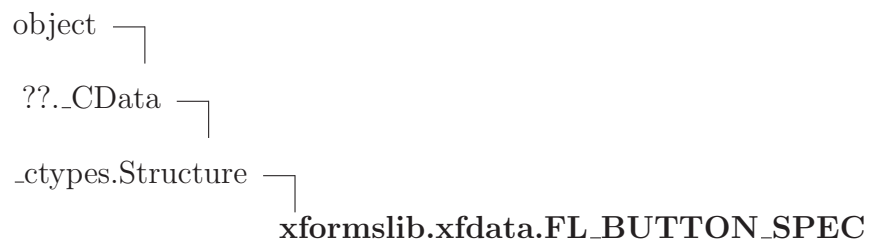
2.39.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.39.3 Class Variables

Name	Description
fields	**Value:** `[('text', <class 'ctypes.c_char_p'>), ('callback', <class...`
callback	**Value:** `<Field type=CFunctionType, ofs=8, size=8>`
shortcut	**Value:** `<Field type=c_char_p, ofs=16, size=8>`
state	**Value:** `<Field type=c_int, ofs=28, size=4>`
text	**Value:** `<Field type=c_char_p, ofs=0, size=8>`
type	**Value:** `<Field type=c_int, ofs=24, size=4>`

2.40 Class FL_BUTTON_SPEC



2.40.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.40.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.40.3 Class Variables

Name	Description
fields	**Value:** `[('pixmap', <class 'ctypes.c_ulong'>), ('mask', <class 'c...`
bits_h	**Value:** `<Field type=c_uint, ofs=20, size=4>`
bits_w	**Value:** `<Field type=c_uint, ofs=16, size=4>`

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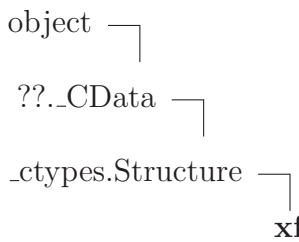
Name	Description
cspecl	**Value:** <Field type=c_long, ofs=64, size=8>
cspecv	**Value:** <Field type=c_void_p, ofs=72, size=8>
event	**Value:** <Field type=c_int, ofs=36, size=4>
filename	**Value:** <Field type=c_char_p, ofs=80, size=8>
focus_filename	**Value:** <Field type=c_char_p, ofs=104, size=8>
focus_mask	**Value:** <Field type=c_ulong, ofs=96, size=8>
focus_pixmap	**Value:** <Field type=c_ulong, ofs=88, size=8>
is_pushed	**Value:** <Field type=c_int, ofs=40, size=4>
mask	**Value:** <Field type=c_ulong, ofs=8, size=8>
mousebut	**Value:** <Field type=c_int, ofs=28, size=4>
pixmap	**Value:** <Field type=c_ulong, ofs=0, size=8>
react_to	**Value:** <Field type=c_int_Array_5, ofs=44, size=20>
timdel	**Value:** <Field type=c_int, ofs=32, size=4>
val	**Value:** <Field type=c_int, ofs=24, size=4>

2.41 Class FL_BUTTON_SPEC



2.41.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.41.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.41.3 Class Variables

Name	Description
fields	**Value:** `[('pixmap', <class 'ctypes.c_ulong'>), ('mask', <class 'c...`
bits_h	**Value:** `<Field type=c_uint, ofs=20, size=4>`
bits_w	**Value:** `<Field type=c_uint, ofs=16, size=4>`
cspecl	**Value:** `<Field type=c_long, ofs=64, size=8>`
cspecv	**Value:** `<Field type=c_void_p, ofs=72, size=8>`
event	**Value:** `<Field type=c_int, ofs=36, size=4>`
filename	**Value:** `<Field type=c_char_p, ofs=80, size=8>`
focus_filename	**Value:** `<Field type=c_char_p, ofs=104, size=8>`

continued on next page

Name	Description
focus_mask	**Value:** <Field type=c_ulong, ofs=96, size=8>
focus_pixmap	**Value:** <Field type=c_ulong, ofs=88, size=8>
is_pushed	**Value:** <Field type=c_int, ofs=40, size=4>
mask	**Value:** <Field type=c_ulong, ofs=8, size=8>
mousebut	**Value:** <Field type=c_int, ofs=28, size=4>
pixmap	**Value:** <Field type=c_ulong, ofs=0, size=8>
react_to	**Value:** <Field type=c_int_Array_5, ofs=44, size=20>
timdel	**Value:** <Field type=c_int, ofs=32, size=4>
val	**Value:** <Field type=c_int, ofs=24, size=4>

2.42 Class XSetWindowAttributes

object
??._CData
_ctypes.Structure
xformslib.xfdata.XSetWindowAttributes

2.42.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

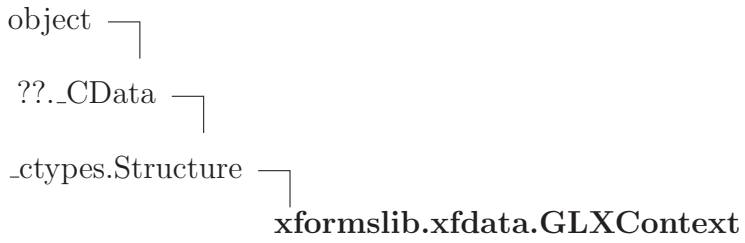
2.42.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.42.3 Class Variables

Name	Description
fields	**Value:** `[('background_pixmap', <class 'ctypes.c_ulong'>), ('backg...`
background_pixel	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
background_pixmap	**Value:** `<Field type=c_ulong, ofs=0, size=8>`
backing_pixel	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
backing_planes	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
backing_store	**Value:** `<Field type=c_int, ofs=40, size=4>`
bit_gravity	**Value:** `<Field type=c_int, ofs=32, size=4>`
border_pixel	**Value:** `<Field type=c_ulong, ofs=24, size=8>`
border_pixmap	**Value:** `<Field type=c_ulong, ofs=16, size=8>`
colormap	**Value:** `<Field type=c_ulong, ofs=96, size=8>`
cursor	**Value:** `<Field type=c_ulong, ofs=104, size=8>`
do_not_propagate_mask	**Value:** `<Field type=c_long, ofs=80, size=8>`
event_mask	**Value:** `<Field type=c_long, ofs=72, size=8>`
override_redirect	**Value:** `<Field type=c_int, ofs=88, size=4>`
save_under	**Value:** `<Field type=c_int, ofs=64, size=4>`
win_gravity	**Value:** `<Field type=c_int, ofs=36, size=4>`

2.43 Class GLXContext



2.43.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

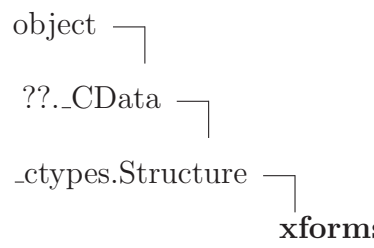
2.43.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.43.3 Class Variables

Name	Description
fields	**Value:** `[]`

2.44 Class FL_Dirlist



2.44.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.44.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.44.3 Class Variables

Name	Description
fields	**Value:** `[('name', <class 'ctypes.c_char_p'>), ('type', <class 'ct...`
dl_mtime	**Value:** `<Field type=c_long, ofs=16, size=8>`
dl_size	**Value:** `<Field type=c_ulong, ofs=24, size=8>`

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Name	Description
name	**Value:** <Field type=c_char_p, ofs=0, size=8>
type	**Value:** <Field type=c_int, ofs=8, size=4>

2.45 Class FLPS_CONTROL

2.45.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.45.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.45.3 Class Variables

Name	Description
fields	**Value:** [('ps_color', <class 'ctypes.c_int'>), ('orientation', <c...
auto_fit	**Value:** <Field type=c_int, ofs=8, size=4>
clip	**Value:** <Field type=c_int, ofs=76, size=4>
drawbox	**Value:** <Field type=c_int, ofs=12, size=4>
eps	**Value:** <Field type=c_int, ofs=16, size=4>
first_page_only	**Value:** <Field type=c_int, ofs=72, size=4>
gamma	**Value:** <Field type=c_float, ofs=36, size=4>
hm	**Value:** <Field type=c_float, ofs=52, size=4>
orientation	**Value:** <Field type=c_int, ofs=4, size=4>
paper_h	**Value:** <Field type=c_float, ofs=32, size=4>
paper_w	**Value:** <Field type=c_float, ofs=28, size=4>
printer_dpi	**Value:** <Field type=c_int, ofs=48, size=4>
ps_color	**Value:** <Field type=c_int, ofs=0, size=4>
scale_text	**Value:** <Field type=c_int, ofs=68, size=4>
tmpdir	**Value:** <Field type=c_char_p, ofs=40, size=8>
vm	**Value:** <Field type=c_float, ofs=56, size=4>
xdpi	**Value:** <Field type=c_float, ofs=20, size=4>
xscale	**Value:** <Field type=c_float, ofs=60, size=4>
ydpi	**Value:** <Field type=c_float, ofs=24, size=4>
yscale	**Value:** <Field type=c_float, ofs=64, size=4>

2.46 Class FD_CMDLOG

object
??._CData
_ctypes.Structure
xformslib.xfdata.FD_CMDLOG

2.46.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.46.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.46.3 Class Variables

Name	Description
fields	**Value:** `[('form', <class 'xformslib.xfdata.LP_FL_FORM_'>), ('vdat...`
browser	**Value:** `<Field type=LP_FL_OBJECT_, ofs=32, size=8>`
cdata	**Value:** `<Field type=c_char_p, ofs=16, size=8>`

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Name	Description
clear_browser	**Value:** <Field type=LP_FL_OBJECT_, ofs=48, size=8>
close_browser	**Value:** <Field type=LP_FL_OBJECT_, ofs=40, size=8>
form	**Value:** <Field type=LP_FL_FORM_, ofs=0, size=8>
ldata	**Value:** <Field type=c_long, ofs=24, size=8>
vdata	**Value:** <Field type=c_void_p, ofs=8, size=8>

2.47 Class FD_FSELECTOR

object
??._CData
_ctypes.Structure
xformslib.xfdata.FD_FSELECTOR

2.47.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.47.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	

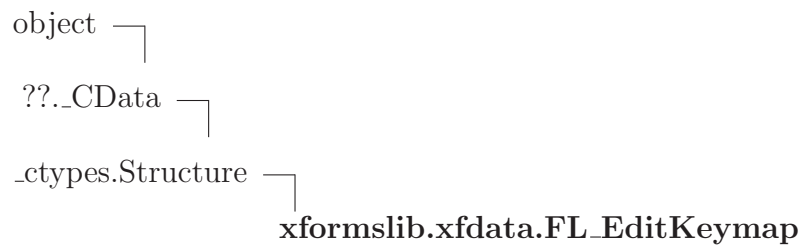
continued on next page

Name	Description
Inherited from object	
__class__	

2.47.3 Class Variables

Name	Description
fields	**Value:** `[('fselect', <class 'xformslib.xfdata.LP_FL_FORM_'>), ('v...`
appbutt	**Value:** `<Field type=LP_FL_OBJECT_Array_3, ofs=112, size=24>`
browser	**Value:** `<Field type=LP_FL_OBJECT_, ofs=32, size=8>`
cancel	**Value:** `<Field type=LP_FL_OBJECT_, ofs=80, size=8>`
cdata	**Value:** `<Field type=c_void_p, ofs=16, size=8>`
dirbutt	**Value:** `<Field type=LP_FL_OBJECT_, ofs=72, size=8>`
dirlabel	**Value:** `<Field type=LP_FL_OBJECT_, ofs=96, size=8>`
fselect	**Value:** `<Field type=LP_FL_FORM_, ofs=0, size=8>`
input	**Value:** `<Field type=LP_FL_OBJECT_, ofs=40, size=8>`
ldata	**Value:** `<Field type=c_long, ofs=24, size=8>`
patbutt	**Value:** `<Field type=LP_FL_OBJECT_, ofs=64, size=8>`
patlabel	**Value:** `<Field type=LP_FL_OBJECT_, ofs=104, size=8>`
prompt	**Value:** `<Field type=LP_FL_OBJECT_, ofs=48, size=8>`
ready	**Value:** `<Field type=LP_FL_OBJECT_, ofs=88, size=8>`
resbutt	**Value:** `<Field type=LP_FL_OBJECT_, ofs=56, size=8>`
vdata	**Value:** `<Field type=c_void_p, ofs=8, size=8>`

2.48 Class FL_EditKeymap



2.48.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.48.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.48.3 Class Variables

Name	Description
fields	**Value:** `[('del_prev_char', <class 'ctypes.c_long'>), ('del_next_c...`
backspace	**Value:** `<Field type=c_long, ofs=144, size=8>`
clear_field	**Value:** `<Field type=c_long, ofs=168, size=8>`

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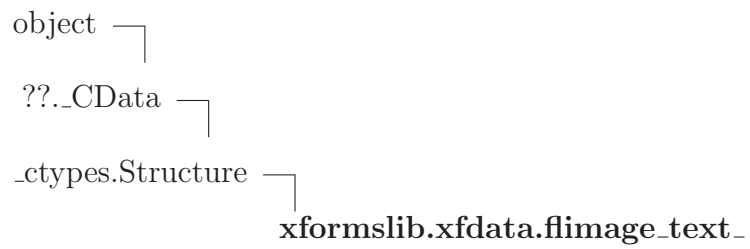
Name	Description
del_next_char	**Value:** <Field type=c_long, ofs=8, size=8>
del_next_word	**Value:** <Field type=c_long, ofs=24, size=8>
del_prev_char	**Value:** <Field type=c_long, ofs=0, size=8>
del_prev_word	**Value:** <Field type=c_long, ofs=16, size=8>
del_to_bol	**Value:** <Field type=c_long, ofs=152, size=8>
del_to_eol	**Value:** <Field type=c_long, ofs=160, size=8>
del_to_eos	**Value:** <Field type=c_long, ofs=176, size=8>
moveto_bof	**Value:** <Field type=c_long, ofs=112, size=8>
moveto_bol	**Value:** <Field type=c_long, ofs=96, size=8>
moveto_eof	**Value:** <Field type=c_long, ofs=120, size=8>
moveto_eol	**Value:** <Field type=c_long, ofs=104, size=8>
moveto_next_char	**Value:** <Field type=c_long, ofs=56, size=8>
moveto_next_line	**Value:** <Field type=c_long, ofs=40, size=8>
moveto_next_page	**Value:** <Field type=c_long, ofs=88, size=8>
moveto_next_word	**Value:** <Field type=c_long, ofs=72, size=8>
moveto_prev_char	**Value:** <Field type=c_long, ofs=48, size=8>
moveto_prev_line	**Value:** <Field type=c_long, ofs=32, size=8>
moveto_prev_page	**Value:** <Field type=c_long, ofs=80, size=8>
moveto_prev_word	**Value:** <Field type=c_long, ofs=64, size=8>
paste	**Value:** <Field type=c_long, ofs=136, size=8>
transpose	**Value:** <Field type=c_long, ofs=128, size=8>

2.49 Class flimage_text_



2.49.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.49.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.49.3 Class Variables

Name	Description
fields	**Value:** `[('str', <class 'ctypes.c_char_p'>), ('len', <class 'ctyp...`
align	**Value:** `<Field type=c_int, ofs=44, size=4>`
angle	**Value:** `<Field type=c_int, ofs=40, size=4>`

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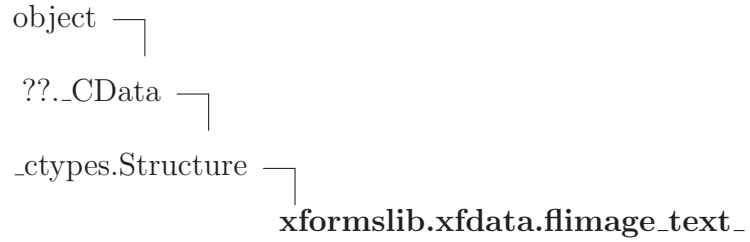
Name	Description
bcolor	**Value:** <Field type=c_uint, ofs=24, size=4>
color	**Value:** <Field type=c_uint, ofs=20, size=4>
len	**Value:** <Field type=c_int, ofs=8, size=4>
nobk	**Value:** <Field type=c_int, ofs=28, size=4>
size	**Value:** <Field type=c_int, ofs=32, size=4>
str	**Value:** <Field type=c_char_p, ofs=0, size=8>
style	**Value:** <Field type=c_int, ofs=36, size=4>
x	**Value:** <Field type=c_int, ofs=12, size=4>
y	**Value:** <Field type=c_int, ofs=16, size=4>

2.50 Class flimage_text_



2.50.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.50.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.50.3 Class Variables

Name	Description
fields	**Value:** `[('str', <class 'ctypes.c_char_p'>), ('len', <class 'ctyp...`
align	**Value:** `<Field type=c_int, ofs=44, size=4>`
angle	**Value:** `<Field type=c_int, ofs=40, size=4>`
bcolor	**Value:** `<Field type=c_uint, ofs=24, size=4>`
color	**Value:** `<Field type=c_uint, ofs=20, size=4>`
len	**Value:** `<Field type=c_int, ofs=8, size=4>`
nobk	**Value:** `<Field type=c_int, ofs=28, size=4>`
size	**Value:** `<Field type=c_int, ofs=32, size=4>`
str	**Value:** `<Field type=c_char_p, ofs=0, size=8>`
style	**Value:** `<Field type=c_int, ofs=36, size=4>`
x	**Value:** `<Field type=c_int, ofs=12, size=4>`
y	**Value:** `<Field type=c_int, ofs=16, size=4>`

2.51 Class flimage_marker_

2.51.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.51.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

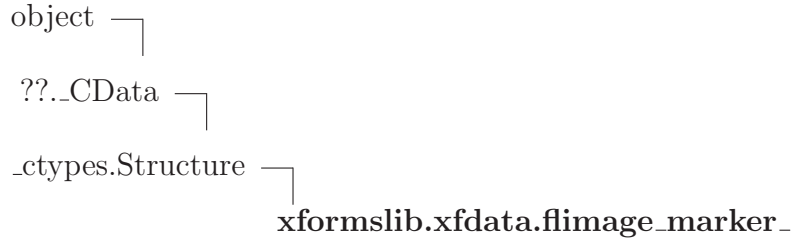
2.51.3 Class Variables

Name	Description
fields	**Value:** `[('name', <class 'ctypes.c_char_p'>), ('w', <class 'ctype...`
angle	**Value:** `<Field type=c_int, ofs=32, size=4>`
bcolor	**Value:** `<Field type=c_uint, ofs=28, size=4>`

continued on next page

Name	Description
color	**Value:** <Field type=c_uint, ofs=24, size=4>
display	**Value:** <Field type=c_void_p, ofs=48, size=8>
fill	**Value:** <Field type=c_int, ofs=36, size=4>
gc	**Value:** <Field type=c_void_p, ofs=56, size=8>
h	**Value:** <Field type=c_int, ofs=12, size=4>
name	**Value:** <Field type=c_char_p, ofs=0, size=8>
psdraw	**Value:** <Field type=c_char_p, ofs=72, size=8>
style	**Value:** <Field type=c_int, ofs=44, size=4>
thickness	**Value:** <Field type=c_int, ofs=40, size=4>
w	**Value:** <Field type=c_int, ofs=8, size=4>
win	**Value:** <Field type=c_ulong, ofs=64, size=8>
x	**Value:** <Field type=c_int, ofs=16, size=4>
y	**Value:** <Field type=c_int, ofs=20, size=4>

2.52 Class flimage_marker_



2.52.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.52.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

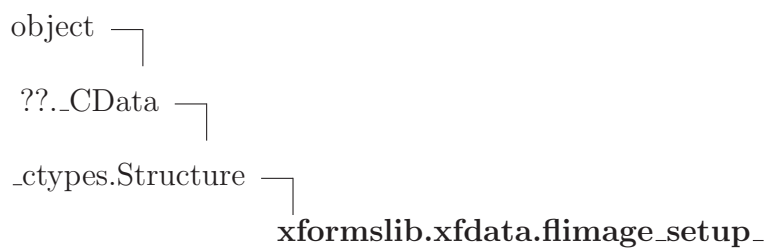
2.52.3 Class Variables

Name	Description
fields	**Value:** `[('name', <class 'ctypes.c_char_p'>), ('w', <class 'ctype...`
angle	**Value:** `<Field type=c_int, ofs=32, size=4>`
bcolor	**Value:** `<Field type=c_uint, ofs=28, size=4>`
color	**Value:** `<Field type=c_uint, ofs=24, size=4>`
display	**Value:** `<Field type=c_void_p, ofs=48, size=8>`
fill	**Value:** `<Field type=c_int, ofs=36, size=4>`
gc	**Value:** `<Field type=c_void_p, ofs=56, size=8>`
h	**Value:** `<Field type=c_int, ofs=12, size=4>`
name	**Value:** `<Field type=c_char_p, ofs=0, size=8>`
psdraw	**Value:** `<Field type=c_char_p, ofs=72, size=8>`

continued on next page

Name	Description
style	**Value:** <Field type=c_int, ofs=44, size=4>
thickness	**Value:** <Field type=c_int, ofs=40, size=4>
w	**Value:** <Field type=c_int, ofs=8, size=4>
win	**Value:** <Field type=c_ulong, ofs=64, size=8>
x	**Value:** <Field type=c_int, ofs=16, size=4>
y	**Value:** <Field type=c_int, ofs=20, size=4>

2.53 Class flimage_setup_



2.53.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.53.2 Properties

Name	Description
Inherited from ??._CData	

continued on next page

Name	Description
_b_base_, _b_needsfree_	
Inherited from object __class__	

2.53.3 Class Variables

Name	Description
fields	**Value:** `[('app_data', <class 'ctypes.c_void_p'>), ('visual_cue', ...`
app_data	**Value:** `<Field type=c_void_p, ofs=0, size=8>`
delay	**Value:** `<Field type=c_int, ofs=60, size=4>`
display	**Value:** `<Field type=CFunctionType, ofs=24, size=8>`
do_not_clear	**Value:** `<Field type=c_int, ofs=40, size=4>`
double_buffer	**Value:** `<Field type=c_int, ofs=72, size=4>`
error_message	**Value:** `<Field type=CFunctionType, ofs=16, size=8>`
header_info	**Value:** `<Field type=c_int, ofs=88, size=4>`
max_frames	**Value:** `<Field type=c_int, ofs=56, size=4>`
no_auto_extension	**Value:** `<Field type=c_int, ofs=64, size=4>`
report_frequency	**Value:** `<Field type=c_int, ofs=68, size=4>`
rgbfile	**Value:** `<Field type=c_char_p, ofs=32, size=8>`
trailblazer	**Value:** `<Field type=c_ulong, ofs=80, size=8>`
visual_cue	**Value:** `<Field type=CFunctionType, ofs=8, size=8>`
xdisplay	**Value:** `<Field type=c_void_p, ofs=48, size=8>`

2.54 Class FLIMAGESETUP

object
??._CData
_ctypes._Pointer
xformslib.xfdata.FLIMAGESETUP

2.54.1 Methods

Inherited from _ctypes._Pointer

__delitem__(), __getitem__(), __getslice__(), __init__(), __new__(), __nonzero__(), __setitem__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.54.2 Properties

Name	Description
Inherited from _ctypes._Pointer contents	
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.55 Class _IO_FILE

object
??._CData
_ctypes.Structure
xformslib.xfdata._IO_FILE

2.55.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.55.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.56 Class flimage_

object
??._CData
_ctypes.Structure
xformslib.xfdata.flimage_

2.56.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.56.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.56.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('w', <class 'ctypes.c...`
alpha	**Value:** `<Field type=LP_LP_c_ubyte, ofs=64, size=8>`
alpha16	**Value:** `<Field type=LP_LP_c_ushort, ofs=152, size=8>`
alpha_lut	**Value:** `<Field type=LP_c_int, ofs=192, size=8>`
app_background	**Value:** `<Field type=c_int, ofs=276, size=4>`
app_data	**Value:** `<Field type=c_void_p, ofs=16, size=8>`
available_type	**Value:** `<Field type=c_int, ofs=292, size=4>`
blue	**Value:** `<Field type=LP_LP_c_ubyte, ofs=56, size=8>`

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Name	Description
blue16	**Value:** <Field type=LP_LP_c_ushort, ofs=144, size=8>
blue_lut	**Value:** <Field type=LP_c_int, ofs=184, size=8>
ci	**Value:** <Field type=LP_LP_c_ushort, ofs=104, size=8>
ci8	**Value:** <Field type=LP_LP_c_ubyte, ofs=160, size=8>
ci_maxval	**Value:** <Field type=c_int, ofs=244, size=4>
cleanup	**Value:** <Field type=CFunctionType, ofs=792, size=8>
colors	**Value:** <Field type=c_int, ofs=236, size=4>
comments	**Value:** <Field type=c_char_p, ofs=280, size=8>
comments_len	**Value:** <Field type=c_int, ofs=288, size=4>
completed	**Value:** <Field type=c_int, ofs=676, size=4>
current_frame	**Value:** <Field type=c_int, ofs=748, size=4>
depth	**Value:** <Field type=c_int, ofs=844, size=4>
display	**Value:** <Field type=CFunctionType, ofs=336, size=8>
display_markers	**Value:** <Field type=CFunctionType, ofs=448, size=8>
display_text	**Value:** <Field type=CFunctionType, ofs=408, size=8>
display_type	**Value:** <Field type=c_int, ofs=700, size=4>
dont_display_marker	**Value:** <Field type=c_int, ofs=440, size=4>
dont_display_text	**Value:** <Field type=c_int, ofs=400, size=4>
double_buffer	**Value:** <Field type=c_int, ofs=344, size=4>
error_code	**Value:** <Field type=c_int, ofs=696, size=4>
error_message	**Value:** <Field type=CFunctionType, ofs=688, size=8>

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Name	Description
extra_io_info	**Value:** <Field type=c_void_p, ofs=968, size=8>
fill_color	**Value:** <Field type=c_uint, ofs=596, size=4>
fmt_name	**Value:** <Field type=c_char_p, ofs=376, size=8>
foffset	**Value:** <Field type=c_long, ofs=544, size=8>
force_convert	**Value:** <Field type=c_int, ofs=600, size=4>
fpin	**Value:** <Field type=LP__IO_FILE, ofs=808, size=8>
fpout	**Value:** <Field type=LP__IO_FILE, ofs=816, size=8>
free_markers	**Value:** <Field type=CFunctionType, ofs=456, size=8>
free_text	**Value:** <Field type=CFunctionType, ofs=416, size=8>
gc	**Value:** <Field type=c_void_p, ofs=936, size=8>
gray	**Value:** <Field type=LP_LP_c_ushort, ofs=112, size=8>
gray_maxval	**Value:** <Field type=c_int, ofs=240, size=4>
green	**Value:** <Field type=LP_LP_c_ubyte, ofs=48, size=8>
green16	**Value:** <Field type=LP_LP_c_ushort, ofs=136, size=8>
green_lut	**Value:** <Field type=LP_c_int, ofs=176, size=8>
h	**Value:** <Field type=c_int, ofs=8, size=4>
hist	**Value:** <Field type=LP_c_uint_Array_4, ofs=640, size=32>
image_io	**Value:** <Field type=c_void_p, ofs=824, size=8>
image_spec	**Value:** <Field type=c_void_p, ofs=712, size=8>
infile	**Value:** <Field type=c_char_p, ofs=528, size=8>
info	**Value:** <Field type=c_char_p, ofs=1008, size=8>

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Name	Description
io_spec	**Value:** <Field type=c_void_p, ofs=832, size=8>
isPixmap	**Value:** <Field type=c_int, ofs=996, size=4>
level	**Value:** <Field type=c_int, ofs=252, size=4>
llut	**Value:** <Field type=LP_c_int_Array_3, ofs=608, size=24>
llut_len	**Value:** <Field type=c_int, ofs=632, size=4>
lut	**Value:** <Field type=LP_c_int_Array_4, ofs=200, size=32>
map_len	**Value:** <Field type=c_int, ofs=232, size=4>
marker	**Value:** <Field type=LP_flimage_marker_, ofs=424, size=8>
markergc	**Value:** <Field type=c_void_p, ofs=960, size=8>
matc	**Value:** <Field type=c_int, ofs=740, size=4>
matr	**Value:** <Field type=c_int, ofs=736, size=4>
max_markers	**Value:** <Field type=c_int, ofs=436, size=4>
max_text	**Value:** <Field type=c_int, ofs=396, size=4>
modified	**Value:** <Field type=c_int, ofs=328, size=4>
more	**Value:** <Field type=c_int, ofs=744, size=4>
next	**Value:** <Field type=LP_flimage_, ofs=296, size=8>
next_frame	**Value:** <Field type=CFunctionType, ofs=760, size=8>
nmarkers	**Value:** <Field type=c_int, ofs=432, size=4>
ntext	**Value:** <Field type=c_int, ofs=392, size=4>
original_type	**Value:** <Field type=c_int, ofs=552, size=4>
outfile	**Value:** <Field type=c_char_p, ofs=536, size=8>

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Name	Description
packed	**Value:** <Field type=LP_LP_c_uint, ofs=120, size=8>
pixels	**Value:** <Field type=LP_LP_c_ushort, ofs=704, size=8>
pixmap	**Value:** <Field type=c_ulong, ofs=976, size=8>
pixmap_depth	**Value:** <Field type=c_int, ofs=992, size=4>
pixmap_h	**Value:** <Field type=c_int, ofs=988, size=4>
pixmap_w	**Value:** <Field type=c_int, ofs=984, size=4>
pmax	**Value:** <Field type=c_double, ofs=472, size=8>
pmin	**Value:** <Field type=c_double, ofs=464, size=8>
poffset	**Value:** <Field type=c_double, ofs=480, size=8>
post_write	**Value:** <Field type=CFunctionType, ofs=568, size=8>
pre_write	**Value:** <Field type=CFunctionType, ofs=560, size=8>
prev_frame	**Value:** <Field type=CFunctionType, ofs=768, size=8>
pscale	**Value:** <Field type=c_double, ofs=488, size=8>
random_frame	**Value:** <Field type=CFunctionType, ofs=776, size=8>
red	**Value:** <Field type=LP_LP_c_ubyte, ofs=40, size=8>
red16	**Value:** <Field type=LP_LP_c_ushort, ofs=128, size=8>
red_lut	**Value:** <Field type=LP_c_int, ofs=168, size=8>
rewind_frame	**Value:** <Field type=CFunctionType, ofs=784, size=8>
rgb2p	**Value:** <Field type=FL_RGB2PIXEL_, ofs=872, size=44>
rgb_maxval	**Value:** <Field type=c_int, ofs=248, size=4>
rgba	**Value:** <Field type=LP_LP_c_ubyte_Array_4, ofs=72, size=32>

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Name	Description
sdepth	**Value:** <Field type=c_int, ofs=944, size=4>
setup	**Value:** <Field type=LP_flimage_setup_, ofs=1000, size=8>
sh	**Value:** <Field type=c_int, ofs=316, size=4>
shd	**Value:** <Field type=c_int, ofs=360, size=4>
spec_size	**Value:** <Field type=c_int, ofs=840, size=4>
stop_looping	**Value:** <Field type=c_int, ofs=800, size=4>
sub_shape	**Value:** <Field type=c_int, ofs=592, size=4>
subh	**Value:** <Field type=c_int, ofs=588, size=4>
subw	**Value:** <Field type=c_int, ofs=584, size=4>
subx	**Value:** <Field type=c_int, ofs=576, size=4>
suby	**Value:** <Field type=c_int, ofs=580, size=4>
sw	**Value:** <Field type=c_int, ofs=312, size=4>
swd	**Value:** <Field type=c_int, ofs=356, size=4>
sx	**Value:** <Field type=c_int, ofs=304, size=4>
sxd	**Value:** <Field type=c_int, ofs=348, size=4>
sy	**Value:** <Field type=c_int, ofs=308, size=4>
syd	**Value:** <Field type=c_int, ofs=352, size=4>
text	**Value:** <Field type=LP_flimage_text_, ofs=384, size=8>
textgc	**Value:** <Field type=c_void_p, ofs=952, size=8>
total	**Value:** <Field type=c_int, ofs=672, size=4>
total_frames	**Value:** <Field type=c_int, ofs=752, size=4>

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Name	Description
tran_index	**Value:** <Field type=c_int, ofs=732, size=4>
tran_rgb	**Value:** <Field type=c_int, ofs=728, size=4>
type	**Value:** <Field type=c_int, ofs=0, size=4>
u_ldata	**Value:** <Field type=c_long, ofs=32, size=8>
u_vdata	**Value:** <Field type=c_void_p, ofs=24, size=8>
vclass	**Value:** <Field type=c_int, ofs=848, size=4>
visual	**Value:** <Field type=c_void_p, ofs=856, size=8>
visual_cue	**Value:** <Field type=CFunctionType, ofs=680, size=8>
w	**Value:** <Field type=c_int, ofs=4, size=4>
win	**Value:** <Field type=c_ulong, ofs=928, size=8>
wlut	**Value:** <Field type=LP_c_ushort, ofs=264, size=8>
wlut_len	**Value:** <Field type=c_int, ofs=272, size=4>
wwidth	**Value:** <Field type=c_int, ofs=256, size=4>
wx	**Value:** <Field type=c_int, ofs=320, size=4>
wxd	**Value:** <Field type=c_int, ofs=364, size=4>
wy	**Value:** <Field type=c_int, ofs=324, size=4>
wyd	**Value:** <Field type=c_int, ofs=368, size=4>
xcolormap	**Value:** <Field type=c_ulong, ofs=864, size=8>
xdisplay	**Value:** <Field type=c_void_p, ofs=720, size=8>
xdist_offset	**Value:** <Field type=c_double, ofs=496, size=8>
xdist_scale	**Value:** <Field type=c_double, ofs=504, size=8>

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Name	Description
ximage	**Value:** <Field type=c_void_p, ofs=920, size=8>
ydist_offset	**Value:** <Field type=c_double, ofs=512, size=8>
ydist_scale	**Value:** <Field type=c_double, ofs=520, size=8>

2.57 Class flimage_

object
??._CData
_ctypes.Structure
xformslib.xfdata.flimage_

2.57.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.57.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.57.3 Class Variables

Name	Description
fields	**Value:** [('type', <class 'ctypes.c_int'>), ('w', <class 'ctypes.c...
alpha	**Value:** <Field type=LP_LP_c_ubyte, ofs=64, size=8>
alpha16	**Value:** <Field type=LP_LP_c_ushort, ofs=152, size=8>
alpha_lut	**Value:** <Field type=LP_c_int, ofs=192, size=8>
app_background	**Value:** <Field type=c_int, ofs=276, size=4>
app_data	**Value:** <Field type=c_void_p, ofs=16, size=8>
available_type	**Value:** <Field type=c_int, ofs=292, size=4>
blue	**Value:** <Field type=LP_LP_c_ubyte, ofs=56, size=8>
blue16	**Value:** <Field type=LP_LP_c_ushort, ofs=144, size=8>
blue_lut	**Value:** <Field type=LP_c_int, ofs=184, size=8>
ci	**Value:** <Field type=LP_LP_c_ushort, ofs=104, size=8>
ci8	**Value:** <Field type=LP_LP_c_ubyte, ofs=160, size=8>
ci_maxval	**Value:** <Field type=c_int, ofs=244, size=4>
cleanup	**Value:** <Field type=CFunctionType, ofs=792, size=8>
colors	**Value:** <Field type=c_int, ofs=236, size=4>
comments	**Value:** <Field type=c_char_p, ofs=280, size=8>
comments_len	**Value:** <Field type=c_int, ofs=288, size=4>
completed	**Value:** <Field type=c_int, ofs=676, size=4>
current_frame	**Value:** <Field type=c_int, ofs=748, size=4>
depth	**Value:** <Field type=c_int, ofs=844, size=4>

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Name	Description
display	**Value:** <Field type=CFunctionType, ofs=336, size=8>
display_markers	**Value:** <Field type=CFunctionType, ofs=448, size=8>
display_text	**Value:** <Field type=CFunctionType, ofs=408, size=8>
display_type	**Value:** <Field type=c_int, ofs=700, size=4>
dont_display_marker	**Value:** <Field type=c_int, ofs=440, size=4>
dont_display_text	**Value:** <Field type=c_int, ofs=400, size=4>
double_buffer	**Value:** <Field type=c_int, ofs=344, size=4>
error_code	**Value:** <Field type=c_int, ofs=696, size=4>
error_message	**Value:** <Field type=CFunctionType, ofs=688, size=8>
extra_io_info	**Value:** <Field type=c_void_p, ofs=968, size=8>
fill_color	**Value:** <Field type=c_uint, ofs=596, size=4>
fmt_name	**Value:** <Field type=c_char_p, ofs=376, size=8>
foffset	**Value:** <Field type=c_long, ofs=544, size=8>
force_convert	**Value:** <Field type=c_int, ofs=600, size=4>
fpin	**Value:** <Field type=LP__IO_FILE, ofs=808, size=8>
fpout	**Value:** <Field type=LP__IO_FILE, ofs=816, size=8>
free_markers	**Value:** <Field type=CFunctionType, ofs=456, size=8>
free_text	**Value:** <Field type=CFunctionType, ofs=416, size=8>
gc	**Value:** <Field type=c_void_p, ofs=936, size=8>
gray	**Value:** <Field type=LP_LP_c_ushort, ofs=112, size=8>
gray_maxval	**Value:** <Field type=c_int, ofs=240, size=4>

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Name	Description
green	**Value:** <Field type=LP_LP_c_ubyte, ofs=48, size=8>
green16	**Value:** <Field type=LP_LP_c_ushort, ofs=136, size=8>
green_lut	**Value:** <Field type=LP_c_int, ofs=176, size=8>
h	**Value:** <Field type=c_int, ofs=8, size=4>
hist	**Value:** <Field type=LP_c_uint_Array_4, ofs=640, size=32>
image_io	**Value:** <Field type=c_void_p, ofs=824, size=8>
image_spec	**Value:** <Field type=c_void_p, ofs=712, size=8>
infile	**Value:** <Field type=c_char_p, ofs=528, size=8>
info	**Value:** <Field type=c_char_p, ofs=1008, size=8>
io_spec	**Value:** <Field type=c_void_p, ofs=832, size=8>
isPixmap	**Value:** <Field type=c_int, ofs=996, size=4>
level	**Value:** <Field type=c_int, ofs=252, size=4>
llut	**Value:** <Field type=LP_c_int_Array_3, ofs=608, size=24>
llut_len	**Value:** <Field type=c_int, ofs=632, size=4>
lut	**Value:** <Field type=LP_c_int_Array_4, ofs=200, size=32>
map_len	**Value:** <Field type=c_int, ofs=232, size=4>
marker	**Value:** <Field type=LP_flimage_marker_, ofs=424, size=8>
markergc	**Value:** <Field type=c_void_p, ofs=960, size=8>
matc	**Value:** <Field type=c_int, ofs=740, size=4>
matr	**Value:** <Field type=c_int, ofs=736, size=4>
max_markers	**Value:** <Field type=c_int, ofs=436, size=4>

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Name	Description
max_text	**Value:** <Field type=c_int, ofs=396, size=4>
modified	**Value:** <Field type=c_int, ofs=328, size=4>
more	**Value:** <Field type=c_int, ofs=744, size=4>
next	**Value:** <Field type=LP_flimage_, ofs=296, size=8>
next_frame	**Value:** <Field type=CFunctionType, ofs=760, size=8>
nmarkers	**Value:** <Field type=c_int, ofs=432, size=4>
ntext	**Value:** <Field type=c_int, ofs=392, size=4>
original_type	**Value:** <Field type=c_int, ofs=552, size=4>
outfile	**Value:** <Field type=c_char_p, ofs=536, size=8>
packed	**Value:** <Field type=LP_LP_c_uint, ofs=120, size=8>
pixels	**Value:** <Field type=LP_LP_c_ushort, ofs=704, size=8>
pixmap	**Value:** <Field type=c_ulong, ofs=976, size=8>
pixmap_depth	**Value:** <Field type=c_int, ofs=992, size=4>
pixmap_h	**Value:** <Field type=c_int, ofs=988, size=4>
pixmap_w	**Value:** <Field type=c_int, ofs=984, size=4>
pmax	**Value:** <Field type=c_double, ofs=472, size=8>
pmin	**Value:** <Field type=c_double, ofs=464, size=8>
poffset	**Value:** <Field type=c_double, ofs=480, size=8>
post_write	**Value:** <Field type=CFunctionType, ofs=568, size=8>
pre_write	**Value:** <Field type=CFunctionType, ofs=560, size=8>
prev_frame	**Value:** <Field type=CFunctionType, ofs=768, size=8>

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Name	Description
pscale	**Value:** <Field type=c_double, ofs=488, size=8>
random_frame	**Value:** <Field type=CFunctionType, ofs=776, size=8>
red	**Value:** <Field type=LP_LP_c_ubyte, ofs=40, size=8>
red16	**Value:** <Field type=LP_LP_c_ushort, ofs=128, size=8>
red_lut	**Value:** <Field type=LP_c_int, ofs=168, size=8>
rewind_frame	**Value:** <Field type=CFunctionType, ofs=784, size=8>
rgb2p	**Value:** <Field type=FL_RGB2PIXEL_, ofs=872, size=44>
rgb_maxval	**Value:** <Field type=c_int, ofs=248, size=4>
rgba	**Value:** <Field type=LP_LP_c_ubyte_Array_4, ofs=72, size=32>
sdepth	**Value:** <Field type=c_int, ofs=944, size=4>
setup	**Value:** <Field type=LP_flimage_setup_, ofs=1000, size=8>
sh	**Value:** <Field type=c_int, ofs=316, size=4>
shd	**Value:** <Field type=c_int, ofs=360, size=4>
spec_size	**Value:** <Field type=c_int, ofs=840, size=4>
stop_looping	**Value:** <Field type=c_int, ofs=800, size=4>
sub_shape	**Value:** <Field type=c_int, ofs=592, size=4>
subh	**Value:** <Field type=c_int, ofs=588, size=4>
subw	**Value:** <Field type=c_int, ofs=584, size=4>
subx	**Value:** <Field type=c_int, ofs=576, size=4>
suby	**Value:** <Field type=c_int, ofs=580, size=4>
sw	**Value:** <Field type=c_int, ofs=312, size=4>

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Name	Description
swd	**Value:** <Field type=c_int, ofs=356, size=4>
sx	**Value:** <Field type=c_int, ofs=304, size=4>
sxd	**Value:** <Field type=c_int, ofs=348, size=4>
sy	**Value:** <Field type=c_int, ofs=308, size=4>
syd	**Value:** <Field type=c_int, ofs=352, size=4>
text	**Value:** <Field type=LP_flimage_text_, ofs=384, size=8>
textgc	**Value:** <Field type=c_void_p, ofs=952, size=8>
total	**Value:** <Field type=c_int, ofs=672, size=4>
total_frames	**Value:** <Field type=c_int, ofs=752, size=4>
tran_index	**Value:** <Field type=c_int, ofs=732, size=4>
tran_rgb	**Value:** <Field type=c_int, ofs=728, size=4>
type	**Value:** <Field type=c_int, ofs=0, size=4>
u_ldata	**Value:** <Field type=c_long, ofs=32, size=8>
u_vdata	**Value:** <Field type=c_void_p, ofs=24, size=8>
vclass	**Value:** <Field type=c_int, ofs=848, size=4>
visual	**Value:** <Field type=c_void_p, ofs=856, size=8>
visual_cue	**Value:** <Field type=CFunctionType, ofs=680, size=8>
w	**Value:** <Field type=c_int, ofs=4, size=4>
win	**Value:** <Field type=c_ulong, ofs=928, size=8>
wlut	**Value:** <Field type=LP_c_ushort, ofs=264, size=8>
wlut_len	**Value:** <Field type=c_int, ofs=272, size=4>

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Name	Description
wwidth	**Value:** <Field type=c_int, ofs=256, size=4>
wx	**Value:** <Field type=c_int, ofs=320, size=4>
wxd	**Value:** <Field type=c_int, ofs=364, size=4>
wy	**Value:** <Field type=c_int, ofs=324, size=4>
wyd	**Value:** <Field type=c_int, ofs=368, size=4>
xcolormap	**Value:** <Field type=c_ulong, ofs=864, size=8>
xdisplay	**Value:** <Field type=c_void_p, ofs=720, size=8>
xdist_offset	**Value:** <Field type=c_double, ofs=496, size=8>
xdist_scale	**Value:** <Field type=c_double, ofs=504, size=8>
ximage	**Value:** <Field type=c_void_p, ofs=920, size=8>
ydist_offset	**Value:** <Field type=c_double, ofs=512, size=8>
ydist_scale	**Value:** <Field type=c_double, ofs=520, size=8>

2.58 Class flimage_setup_

2.58.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.58.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.58.3 Class Variables

Name	Description
fields	**Value:** `[('app_data', <class 'ctypes.c_void_p'>), ('visual_cue', ...`
app_data	**Value:** `<Field type=c_void_p, ofs=0, size=8>`
delay	**Value:** `<Field type=c_int, ofs=60, size=4>`
display	**Value:** `<Field type=CFunctionType, ofs=24, size=8>`
do_not_clear	**Value:** `<Field type=c_int, ofs=40, size=4>`
double_buffer	**Value:** `<Field type=c_int, ofs=72, size=4>`
error_message	**Value:** `<Field type=CFunctionType, ofs=16, size=8>`
header_info	**Value:** `<Field type=c_int, ofs=88, size=4>`
max_frames	**Value:** `<Field type=c_int, ofs=56, size=4>`
no_auto_extension	**Value:** `<Field type=c_int, ofs=64, size=4>`
report_frequency	**Value:** `<Field type=c_int, ofs=68, size=4>`
rgbfile	**Value:** `<Field type=c_char_p, ofs=32, size=8>`

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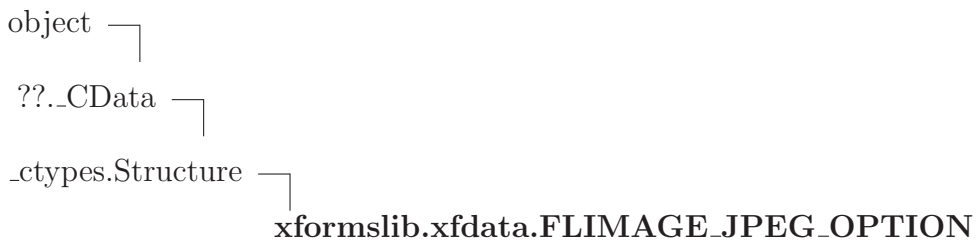
Name	Description
trailblazer	**Value:** <Field type=c_ulong, ofs=80, size=8>
visual_cue	**Value:** <Field type=CFunctionType, ofs=8, size=8>
xdisplay	**Value:** <Field type=c_void_p, ofs=48, size=8>

2.59 Class FLIMAGE_JPEG_OPTION



2.59.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.59.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.59.3 Class Variables

Name	Description
fields	**Value:** `[('quality', <class 'ctypes.c_int'>), ('smoothing', <clas...`
quality	**Value:** `<Field type=c_int, ofs=0, size=4>`
smoothing	**Value:** `<Field type=c_int, ofs=4, size=4>`

2.60 Class FLIMAGE_FORMAT_INFO

object
??._CData
_ctypes.Structure
xformslib.xfdata.FLIMAGE_FORMAT_INFO

2.60.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.60.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.60.3 Class Variables

Name	Description
fields	**Value:** `[('formal_name', <class 'ctypes.c_char_p'>), ('short_name...`
annotation	**Value:** `<Field type=c_int, ofs=32, size=4>`
extension	**Value:** `<Field type=c_char_p, ofs=16, size=8>`
formal_name	**Value:** `<Field type=c_char_p, ofs=0, size=8>`
read_write	**Value:** `<Field type=c_int, ofs=28, size=4>`
short_name	**Value:** `<Field type=c_char_p, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=24, size=4>`

2.61 Class XWindowAttributes

object
??._CData
_ctypes.Structure
xformslib.xfdata.XWindowAttributes

2.61.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.61.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.61.3 Class Variables

Name	Description
fields	**Value:** `[('x', <class 'ctypes.c_int'>), ('y', <class 'ctypes.c_in...`
all_event_masks	**Value:** `<Field type=c_long, ofs=96, size=8>`
backing_pixel	**Value:** `<Field type=c_ulong, ofs=64, size=8>`
backing_planes	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
backing_store	**Value:** `<Field type=c_int, ofs=52, size=4>`
bit_gravity	**Value:** `<Field type=c_int, ofs=44, size=4>`
border_width	**Value:** `<Field type=c_int, ofs=16, size=4>`
c_class	**Value:** `<Field type=c_int, ofs=40, size=4>`
colormap	**Value:** `<Field type=c_ulong, ofs=80, size=8>`
depth	**Value:** `<Field type=c_int, ofs=20, size=4>`
do_not_propagate_mask	**Value:** `<Field type=c_long, ofs=112, size=8>`
height	**Value:** `<Field type=c_int, ofs=12, size=4>`
map_installed	**Value:** `<Field type=c_int, ofs=88, size=4>`
map_state	**Value:** `<Field type=c_int, ofs=92, size=4>`
override_redirect	**Value:** `<Field type=c_int, ofs=120, size=4>`
root	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

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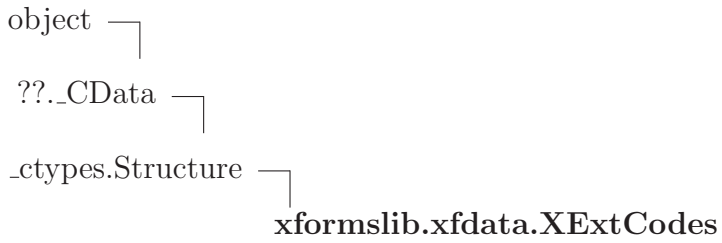
Name	Description
save_under	**Value:** <Field type=c_int, ofs=72, size=4>
screen	**Value:** <Field type=LP_Screen, ofs=128, size=8>
visual	**Value:** <Field type=LP_Visual, ofs=24, size=8>
width	**Value:** <Field type=c_int, ofs=8, size=4>
win_gravity	**Value:** <Field type=c_int, ofs=48, size=4>
x	**Value:** <Field type=c_int, ofs=0, size=4>
y	**Value:** <Field type=c_int, ofs=4, size=4>
your_event_mask	**Value:** <Field type=c_long, ofs=104, size=8>

2.62 Class XExtCodes



2.62.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.62.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.62.3 Class Variables

Name	Description
fields	**Value:** `[('extension', <class 'ctypes.c_int'>), ('major_opcode', ...`
extension	**Value:** `<Field type=c_int, ofs=0, size=4>`
first_error	**Value:** `<Field type=c_int, ofs=12, size=4>`
first_event	**Value:** `<Field type=c_int, ofs=8, size=4>`
major_opcode	**Value:** `<Field type=c_int, ofs=4, size=4>`

2.63 Class XPixmapFormatValues

object
 ??._CData
 _ctypes.Structure
 xformslib.xfdata.XPixmapFormatValues

2.63.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

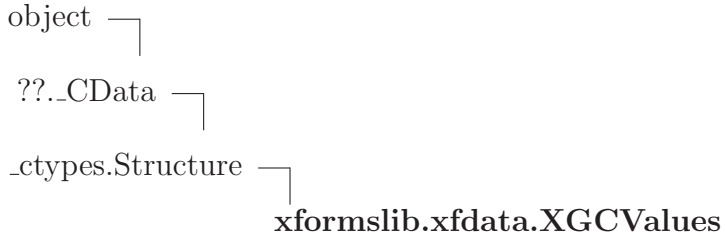
2.63.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.63.3 Class Variables

Name	Description
fields	**Value:** `[('depth', <class 'ctypes.c_int'>), ('bits_per_pixel', <c...`
bits_per_pixel	**Value:** `<Field type=c_int, ofs=4, size=4>`
depth	**Value:** `<Field type=c_int, ofs=0, size=4>`
scanline_pad	**Value:** `<Field type=c_int, ofs=8, size=4>`

2.64 Class XGCValues



2.64.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.64.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.64.3 Class Variables

Name	Description
fields	**Value:** `[('function', <class 'ctypes.c_int'>), ('plane_mask', <cl...`
arc_mode	**Value:** `<Field type=c_int, ofs=56, size=4>`
background	**Value:** `<Field type=c_ulong, ofs=24, size=8>`
cap_style	**Value:** `<Field type=c_int, ofs=40, size=4>`
clip_mask	**Value:** `<Field type=c_ulong, ofs=112, size=8>`
clip_x_origin	**Value:** `<Field type=c_int, ofs=104, size=4>`
clip_y_origin	**Value:** `<Field type=c_int, ofs=108, size=4>`
dash_offset	**Value:** `<Field type=c_int, ofs=120, size=4>`
dashes	**Value:** `<Field type=c_char, ofs=124, size=1>`
fill_rule	**Value:** `<Field type=c_int, ofs=52, size=4>`
fill_style	**Value:** `<Field type=c_int, ofs=48, size=4>`
font	**Value:** `<Field type=c_ulong, ofs=88, size=8>`

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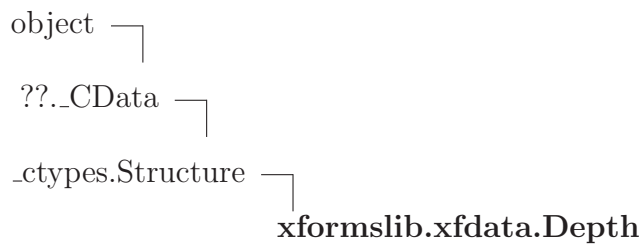
Name	Description
foreground	**Value:** <Field type=c_ulong, ofs=16, size=8>
function	**Value:** <Field type=c_int, ofs=0, size=4>
graphics_exposures	**Value:** <Field type=c_int, ofs=100, size=4>
join_style	**Value:** <Field type=c_int, ofs=44, size=4>
line_style	**Value:** <Field type=c_int, ofs=36, size=4>
line_width	**Value:** <Field type=c_int, ofs=32, size=4>
plane_mask	**Value:** <Field type=c_ulong, ofs=8, size=8>
stipple	**Value:** <Field type=c_ulong, ofs=72, size=8>
subwindow_mode	**Value:** <Field type=c_int, ofs=96, size=4>
tile	**Value:** <Field type=c_ulong, ofs=64, size=8>
ts_x_origin	**Value:** <Field type=c_int, ofs=80, size=4>
ts_y_origin	**Value:** <Field type=c_int, ofs=84, size=4>

2.65 Class Depth



2.65.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

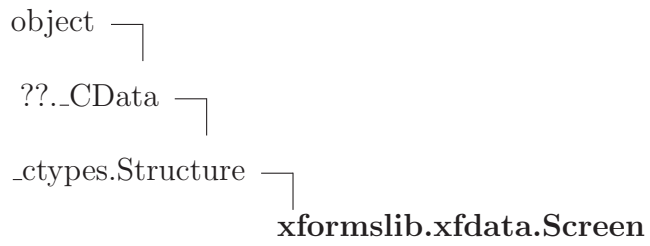
2.65.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.65.3 Class Variables

Name	Description
fields	**Value:** `[('depth', <class 'ctypes.c_int'>), ('nvisuals', <class '...`
depth	**Value:** `<Field type=c_int, ofs=0, size=4>`
nvisuals	**Value:** `<Field type=c_int, ofs=4, size=4>`
visuals	**Value:** `<Field type=LP_Visual, ofs=8, size=8>`

2.66 Class Screen



2.66.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.66.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.66.3 Class Variables

Name	Description
fields	**Value:** `[('ext_data', <class 'xformslib.xfdata.LP__XExtData'>), (...`
backing_store	**Value:** `<Field type=c_int, ofs=112, size=4>`
black_pixel	**Value:** `<Field type=c_ulong, ofs=96, size=8>`
cmap	**Value:** `<Field type=c_ulong, ofs=80, size=8>`
default_gc	**Value:** `<Field type=LP__XGC, ofs=72, size=8>`
depths	**Value:** `<Field type=LP_Depth, ofs=48, size=8>`
display	**Value:** `<Field type=LP__XDisplay, ofs=8, size=8>`
ext_data	**Value:** `<Field type=LP__XExtData, ofs=0, size=8>`
height	**Value:** `<Field type=c_int, ofs=28, size=4>`

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Name	Description
max_maps	**Value:** <Field type=c_int, ofs=104, size=4>
mheight	**Value:** <Field type=c_int, ofs=36, size=4>
min_maps	**Value:** <Field type=c_int, ofs=108, size=4>
mwidth	**Value:** <Field type=c_int, ofs=32, size=4>
ndepths	**Value:** <Field type=c_int, ofs=40, size=4>
root	**Value:** <Field type=c_ulong, ofs=16, size=8>
root_depth	**Value:** <Field type=c_int, ofs=56, size=4>
root_input_mask	**Value:** <Field type=c_long, ofs=120, size=8>
root_visual	**Value:** <Field type=LP_Visual, ofs=64, size=8>
save_unders	**Value:** <Field type=c_int, ofs=116, size=4>
white_pixel	**Value:** <Field type=c_ulong, ofs=88, size=8>
width	**Value:** <Field type=c_int, ofs=24, size=4>

2.67 Class ScreenFormat

2.67.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.67.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.67.3 Class Variables

Name	Description
fields	**Value:** `[('ext_data', <class 'xformslib.xfdata.LP__XExtData'>), (...`
bits_per_pixel	**Value:** `<Field type=c_int, ofs=12, size=4>`
depth	**Value:** `<Field type=c_int, ofs=8, size=4>`
ext_data	**Value:** `<Field type=LP__XExtData, ofs=0, size=8>`
scanline_pad	**Value:** `<Field type=c_int, ofs=16, size=4>`

2.68 Class XHostAddress

2.68.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

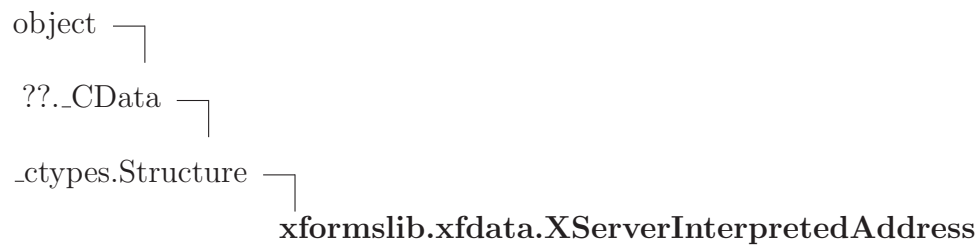
2.68.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.68.3 Class Variables

Name	Description
fields	**Value:** `[('family', <class 'ctypes.c_int'>), ('length', <class 'c...`
address	**Value:** `<Field type=c_char_p, ofs=8, size=8>`
family	**Value:** `<Field type=c_int, ofs=0, size=4>`
length	**Value:** `<Field type=c_int, ofs=4, size=4>`

2.69 Class XServerInterpretedAddress



2.69.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.69.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.69.3 Class Variables

Name	Description
fields	**Value:** `[('typelength', <class 'ctypes.c_int'>), ('valuelength', ...`
type	**Value:** `<Field type=c_char_p, ofs=8, size=8>`
typelength	**Value:** `<Field type=c_int, ofs=0, size=4>`

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Name	Description
value	**Value:** <Field type=c_char_p, ofs=16, size=8>
valuelength	**Value:** <Field type=c_int, ofs=4, size=4>

2.70 Class funcs

object
??._CData
_ctypes.Structure
xformslib.xfdata.funcs

2.70.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

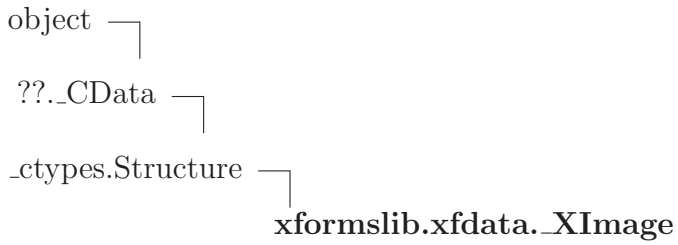
2.70.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.70.3 Class Variables

Name	Description
fields	**Value:** [('create_image', <class 'ctypes.CFunctionType'>), ('dest...
add_pixel	**Value:** <Field type=CFunctionType, ofs=40, size=8>
create_image	**Value:** <Field type=CFunctionType, ofs=0, size=8>
destroy_image	**Value:** <Field type=CFunctionType, ofs=8, size=8>
get_pixel	**Value:** <Field type=CFunctionType, ofs=16, size=8>
put_pixel	**Value:** <Field type=CFunctionType, ofs=24, size=8>
sub_image	**Value:** <Field type=CFunctionType, ofs=32, size=8>

2.71 Class _XImage



2.71.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.71.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.71.3 Class Variables

Name	Description
fields	**Value:** `[('width', <class 'ctypes.c_int'>), ('height', <class 'ct...`
bitmap_bit_order	**Value:** `<Field type=c_int, ofs=32, size=4>`
bitmap_pad	**Value:** `<Field type=c_int, ofs=36, size=4>`
bitmap_unit	**Value:** `<Field type=c_int, ofs=28, size=4>`
bits_per_pixel	**Value:** `<Field type=c_int, ofs=48, size=4>`
blue_mask	**Value:** `<Field type=c_ulong, ofs=72, size=8>`
byte_order	**Value:** `<Field type=c_int, ofs=24, size=4>`
bytes_per_line	**Value:** `<Field type=c_int, ofs=44, size=4>`
data	**Value:** `<Field type=c_char_p, ofs=16, size=8>`
depth	**Value:** `<Field type=c_int, ofs=40, size=4>`
f	**Value:** `<Field type=funcs, ofs=88, size=48>`
format	**Value:** `<Field type=c_int, ofs=12, size=4>`
green_mask	**Value:** `<Field type=c_ulong, ofs=64, size=8>`
height	**Value:** `<Field type=c_int, ofs=4, size=4>`
obdata	**Value:** `<Field type=c_char_p, ofs=80, size=8>`
red_mask	**Value:** `<Field type=c_ulong, ofs=56, size=8>`

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Name	Description
width	**Value:** <Field type=c_int, ofs=0, size=4>
xoffset	**Value:** <Field type=c_int, ofs=8, size=4>

2.72 Class XWindowChanges

object
??._CData
_ctypes.Structure
xformslib.xfdata.XWindowChanges

2.72.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.72.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.72.3 Class Variables

Name	Description
fields	**Value:** `[('x', <class 'ctypes.c_int'>), ('y', <class 'ctypes.c_in...`
border_width	**Value:** `<Field type=c_int, ofs=16, size=4>`
height	**Value:** `<Field type=c_int, ofs=12, size=4>`
sibling	**Value:** `<Field type=c_ulong, ofs=24, size=8>`
stack_mode	**Value:** `<Field type=c_int, ofs=32, size=4>`
width	**Value:** `<Field type=c_int, ofs=8, size=4>`
x	**Value:** `<Field type=c_int, ofs=0, size=4>`
y	**Value:** `<Field type=c_int, ofs=4, size=4>`

2.73 Class XColor

object
??._CData
_ctypes.Structure
xformslib.xfdata.XColor

2.73.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

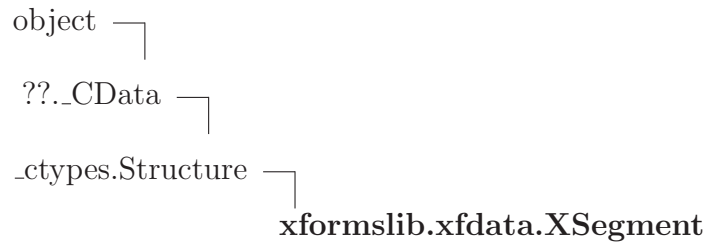
2.73.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.73.3 Class Variables

Name	Description
fields	**Value:** `[('pixel', <class 'ctypes.c_ulong'>), ('red', <class 'cty...`
blue	**Value:** `<Field type=c_ushort, ofs=12, size=2>`
flags	**Value:** `<Field type=c_char, ofs=14, size=1>`
green	**Value:** `<Field type=c_ushort, ofs=10, size=2>`
pad	**Value:** `<Field type=c_char, ofs=15, size=1>`
pixel	**Value:** `<Field type=c_ulong, ofs=0, size=8>`
red	**Value:** `<Field type=c_ushort, ofs=8, size=2>`

2.74 Class XSegment



2.74.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.74.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.74.3 Class Variables

Name	Description
fields	**Value:** `[('x1', <class 'ctypes.c_short'>), ('y1', <class 'ctypes....`
x1	**Value:** `<Field type=c_short, ofs=0, size=2>`
x2	**Value:** `<Field type=c_short, ofs=4, size=2>`
y1	**Value:** `<Field type=c_short, ofs=2, size=2>`
y2	**Value:** `<Field type=c_short, ofs=6, size=2>`

2.75 Class XArc

object
 ??._CData
 _ctypes.Structure
 xformslib.xfdata.XArc

2.75.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

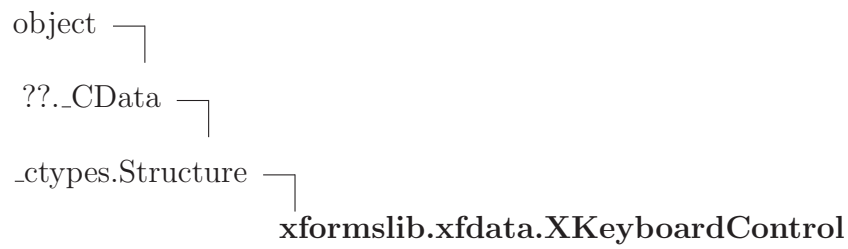
2.75.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.75.3 Class Variables

Name	Description
fields	**Value:** `[('x', <class 'ctypes.c_short'>), ('y', <class 'ctypes.c_...`
angle1	**Value:** `<Field type=c_short, ofs=8, size=2>`
angle2	**Value:** `<Field type=c_short, ofs=10, size=2>`
height	**Value:** `<Field type=c_ushort, ofs=6, size=2>`
width	**Value:** `<Field type=c_ushort, ofs=4, size=2>`
x	**Value:** `<Field type=c_short, ofs=0, size=2>`
y	**Value:** `<Field type=c_short, ofs=2, size=2>`

2.76 Class XKeyboardControl



2.76.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.76.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.76.3 Class Variables

Name	Description
fields	**Value:** `[('key_click_percent', <class 'ctypes.c_int'>), ('bell_pe...`
auto_repeat_mode	**Value:** `<Field type=c_int, ofs=28, size=4>`
bell_duration	**Value:** `<Field type=c_int, ofs=12, size=4>`

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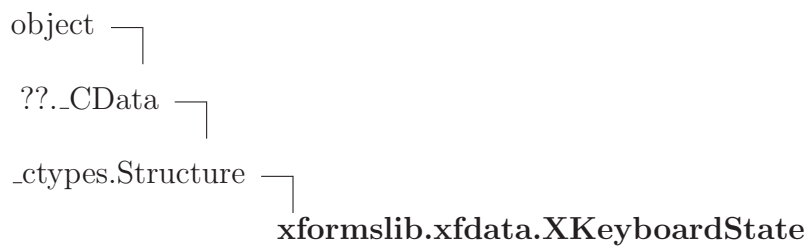
Name	Description
bell_percent	**Value:** <Field type=c_int, ofs=4, size=4>
bell_pitch	**Value:** <Field type=c_int, ofs=8, size=4>
key	**Value:** <Field type=c_int, ofs=24, size=4>
key_click_percent	**Value:** <Field type=c_int, ofs=0, size=4>
led	**Value:** <Field type=c_int, ofs=16, size=4>
led_mode	**Value:** <Field type=c_int, ofs=20, size=4>

2.77 Class XKeyboardState



2.77.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.77.2 Properties

Name	Description
Inherited from ??._CData	

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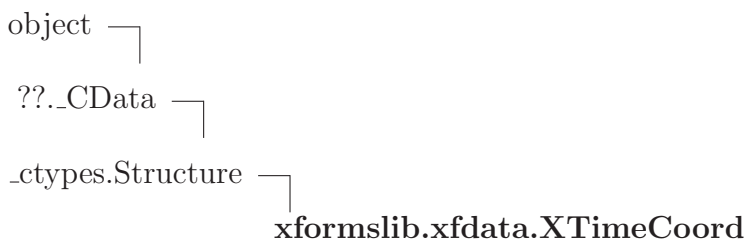
Name	Description
_b_base_, _b_needsfree_	
Inherited from object __class__	

2.77.3 Class Variables

Name	Description
fields	**Value:** `[('key_click_percent', <class 'ctypes.c_int'>), ('bell_pe...`
auto_repeats	**Value:** `<Field type=c_char_Array_32, ofs=28, size=32>`
bell_duration	**Value:** `<Field type=c_uint, ofs=12, size=4>`
bell_percent	**Value:** `<Field type=c_int, ofs=4, size=4>`
bell_pitch	**Value:** `<Field type=c_uint, ofs=8, size=4>`
global_auto_repeat	**Value:** `<Field type=c_int, ofs=24, size=4>`
key_click_percent	**Value:** `<Field type=c_int, ofs=0, size=4>`
led_mask	**Value:** `<Field type=c_ulong, ofs=16, size=8>`

2.78 Class XTimeCoord



2.78.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

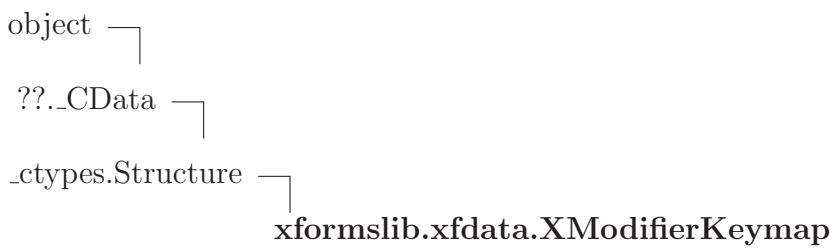
2.78.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.78.3 Class Variables

Name	Description
fields	**Value:** `[('time', <class 'ctypes.c_ulong'>), ('x', <class 'ctypes...`
time	**Value:** `<Field type=c_ulong, ofs=0, size=8>`
x	**Value:** `<Field type=c_short, ofs=8, size=2>`
y	**Value:** `<Field type=c_short, ofs=10, size=2>`

2.79 Class XModifierKeymap



2.79.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

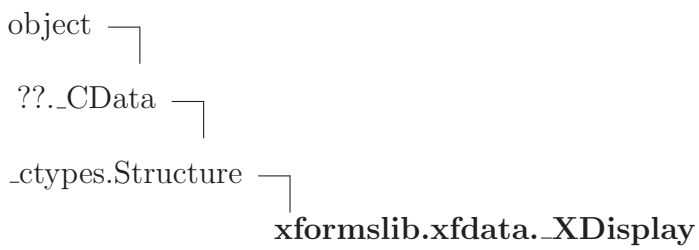
2.79.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.79.3 Class Variables

Name	Description
fields	**Value:** `[('max_keypermod', <class 'ctypes.c_int'>), ('modifiermap...`
max_keypermod	**Value:** `<Field type=c_int, ofs=0, size=4>`
modifiermap	**Value:** `<Field type=LP_c_ubyte, ofs=8, size=8>`

2.80 Class _XDisplay



2.80.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.80.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.80.3 Class Variables

Name	Description
fields	**Value:** `[]`

2.81 Class XKeyEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XKeyEvent

2.81.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.81.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.81.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
keycode	**Value:** `<Field type=c_uint, ofs=84, size=4>`
root	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
same_screen	**Value:** `<Field type=c_int, ofs=88, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
state	**Value:** `<Field type=c_uint, ofs=80, size=4>`
subwindow	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
time	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
x	**Value:** `<Field type=c_int, ofs=64, size=4>`

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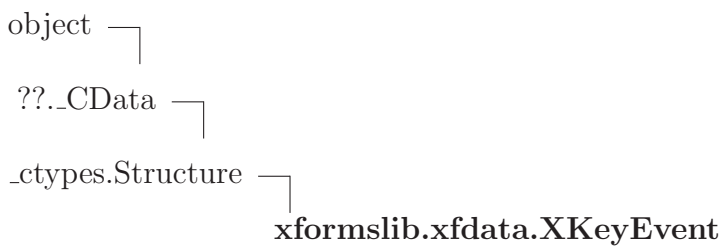
Name	Description
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.82 Class XKeyEvent



2.82.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.82.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.82.3 Class Variables

Name	Description
fields	**Value:** [('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...
display	**Value:** <Field type=LP_XDisplay, ofs=24, size=8>
keycode	**Value:** <Field type=c_uint, ofs=84, size=4>
root	**Value:** <Field type=c_ulong, ofs=40, size=8>
same_screen	**Value:** <Field type=c_int, ofs=88, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
state	**Value:** <Field type=c_uint, ofs=80, size=4>
subwindow	**Value:** <Field type=c_ulong, ofs=48, size=8>
time	**Value:** <Field type=c_ulong, ofs=56, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>
x	**Value:** <Field type=c_int, ofs=64, size=4>
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.83 Class XKeyEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XKeyEvent

2.83.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.83.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.83.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
keycode	**Value:** `<Field type=c_uint, ofs=84, size=4>`

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Name	Description
root	**Value:** <Field type=c_ulong, ofs=40, size=8>
same_screen	**Value:** <Field type=c_int, ofs=88, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
state	**Value:** <Field type=c_uint, ofs=80, size=4>
subwindow	**Value:** <Field type=c_ulong, ofs=48, size=8>
time	**Value:** <Field type=c_ulong, ofs=56, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>
x	**Value:** <Field type=c_int, ofs=64, size=4>
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.84 Class XButtonEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XButtonEvent

2.84.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.84.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.84.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
button	**Value:** `<Field type=c_uint, ofs=84, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
root	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
same_screen	**Value:** `<Field type=c_int, ofs=88, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
state	**Value:** `<Field type=c_uint, ofs=80, size=4>`
subwindow	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
time	**Value:** `<Field type=c_ulong, ofs=56, size=8>`

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Name	Description
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>
x	**Value:** <Field type=c_int, ofs=64, size=4>
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.85 Class XButtonEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XButtonEvent

2.85.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.85.2 Properties

Name	Description
Inherited from ??._CData	

continued on next page

Name	Description
_b_base_, _b_needsfree_	
Inherited from object __class__	

2.85.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
button	**Value:** `<Field type=c_uint, ofs=84, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
root	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
same_screen	**Value:** `<Field type=c_int, ofs=88, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
state	**Value:** `<Field type=c_uint, ofs=80, size=4>`
subwindow	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
time	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
x	**Value:** `<Field type=c_int, ofs=64, size=4>`
x_root	**Value:** `<Field type=c_int, ofs=72, size=4>`
y	**Value:** `<Field type=c_int, ofs=68, size=4>`
y_root	**Value:** `<Field type=c_int, ofs=76, size=4>`

2.86 Class XButtonEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XButtonEvent

2.86.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.86.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.86.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
button	**Value:** `<Field type=c_uint, ofs=84, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`

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Name	Description
root	**Value:** <Field type=c_ulong, ofs=40, size=8>
same_screen	**Value:** <Field type=c_int, ofs=88, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
state	**Value:** <Field type=c_uint, ofs=80, size=4>
subwindow	**Value:** <Field type=c_ulong, ofs=48, size=8>
time	**Value:** <Field type=c_ulong, ofs=56, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>
x	**Value:** <Field type=c_int, ofs=64, size=4>
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.87 Class XMotionEvent

2.87.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.87.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.87.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
is_hint	**Value:** `<Field type=c_char, ofs=84, size=1>`
root	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
same_screen	**Value:** `<Field type=c_int, ofs=88, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
state	**Value:** `<Field type=c_uint, ofs=80, size=4>`
subwindow	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
time	**Value:** `<Field type=c_ulong, ofs=56, size=8>`

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Name	Description
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>
x	**Value:** <Field type=c_int, ofs=64, size=4>
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.88 Class XMotionEvent

2.88.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.88.2 Properties

Name	Description
Inherited from ??._CData	

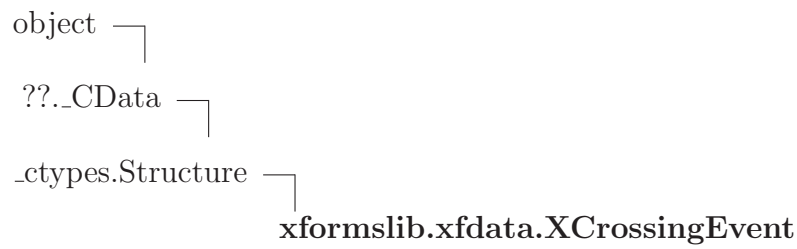
continued on next page

Name	Description
_b_base_, _b_needsfree_	
Inherited from object __class__	

2.88.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
is_hint	**Value:** `<Field type=c_char, ofs=84, size=1>`
root	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
same_screen	**Value:** `<Field type=c_int, ofs=88, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
state	**Value:** `<Field type=c_uint, ofs=80, size=4>`
subwindow	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
time	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
x	**Value:** `<Field type=c_int, ofs=64, size=4>`
x_root	**Value:** `<Field type=c_int, ofs=72, size=4>`
y	**Value:** `<Field type=c_int, ofs=68, size=4>`
y_root	**Value:** `<Field type=c_int, ofs=76, size=4>`

2.89 Class XCrossingEvent



2.89.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.89.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.89.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
detail	**Value:** `<Field type=c_int, ofs=84, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`

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Name	Description
focus	**Value:** <Field type=c_int, ofs=92, size=4>
mode	**Value:** <Field type=c_int, ofs=80, size=4>
root	**Value:** <Field type=c_ulong, ofs=40, size=8>
same_screen	**Value:** <Field type=c_int, ofs=88, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
state	**Value:** <Field type=c_uint, ofs=96, size=4>
subwindow	**Value:** <Field type=c_ulong, ofs=48, size=8>
time	**Value:** <Field type=c_ulong, ofs=56, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>
x	**Value:** <Field type=c_int, ofs=64, size=4>
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.90 Class XCrossingEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XCrossingEvent

2.90.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.90.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

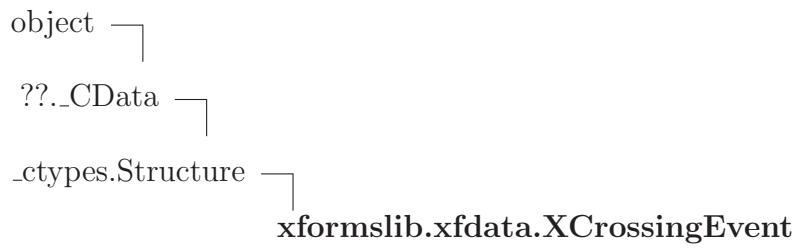
2.90.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
detail	**Value:** `<Field type=c_int, ofs=84, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
focus	**Value:** `<Field type=c_int, ofs=92, size=4>`
mode	**Value:** `<Field type=c_int, ofs=80, size=4>`
root	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
same_screen	**Value:** `<Field type=c_int, ofs=88, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`

continued on next page

Name	Description
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
state	**Value:** <Field type=c_uint, ofs=96, size=4>
subwindow	**Value:** <Field type=c_ulong, ofs=48, size=8>
time	**Value:** <Field type=c_ulong, ofs=56, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>
x	**Value:** <Field type=c_int, ofs=64, size=4>
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.91 Class XCrossingEvent



2.91.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.91.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.91.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
detail	**Value:** `<Field type=c_int, ofs=84, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
focus	**Value:** `<Field type=c_int, ofs=92, size=4>`
mode	**Value:** `<Field type=c_int, ofs=80, size=4>`
root	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
same_screen	**Value:** `<Field type=c_int, ofs=88, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
state	**Value:** `<Field type=c_uint, ofs=96, size=4>`
subwindow	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
time	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`

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Name	Description
window	**Value:** <Field type=c_ulong, ofs=32, size=8>
x	**Value:** <Field type=c_int, ofs=64, size=4>
x_root	**Value:** <Field type=c_int, ofs=72, size=4>
y	**Value:** <Field type=c_int, ofs=68, size=4>
y_root	**Value:** <Field type=c_int, ofs=76, size=4>

2.92 Class XFocusChangeEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XFocusChangeEvent

2.92.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.92.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	

continued on next page

Name	Description
Inherited from object	
__class__	

2.92.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
detail	**Value:** `<Field type=c_int, ofs=44, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
mode	**Value:** `<Field type=c_int, ofs=40, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

2.93 Class XFocusChangeEvent

object
 ??._CData
 _ctypes.Structure
 xformslib.xfdata.XFocusChangeEvent

2.93.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.93.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.93.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
detail	**Value:** `<Field type=c_int, ofs=44, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
mode	**Value:** `<Field type=c_int, ofs=40, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

2.94 Class XFocusChangeEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XFocusChangeEvent

2.94.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.94.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.94.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
detail	**Value:** `<Field type=c_int, ofs=44, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`

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Name	Description
mode	**Value:** <Field type=c_int, ofs=40, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>

2.95 Class XKeymapEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XKeymapEvent

2.95.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.95.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	

continued on next page

Name	Description
Inherited from object	
__class__	

2.95.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
key_vector	**Value:** `<Field type=c_char_Array_32, ofs=40, size=32>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

2.96 Class XExposeEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XExposeEvent

2.96.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.96.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.96.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
count	**Value:** `<Field type=c_int, ofs=56, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
height	**Value:** `<Field type=c_int, ofs=52, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
width	**Value:** `<Field type=c_int, ofs=48, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
x	**Value:** `<Field type=c_int, ofs=40, size=4>`
y	**Value:** `<Field type=c_int, ofs=44, size=4>`

2.97 Class XGraphicsExposeEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XGraphicsExposeEvent

2.97.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.97.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.97.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
count	**Value:** `<Field type=c_int, ofs=56, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`

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Name	Description
drawable	**Value:** <Field type=c_ulong, ofs=32, size=8>
height	**Value:** <Field type=c_int, ofs=52, size=4>
major_code	**Value:** <Field type=c_int, ofs=60, size=4>
minor_code	**Value:** <Field type=c_int, ofs=64, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
width	**Value:** <Field type=c_int, ofs=48, size=4>
x	**Value:** <Field type=c_int, ofs=40, size=4>
y	**Value:** <Field type=c_int, ofs=44, size=4>

2.98 Class XNoExposeEvent

2.98.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.98.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.98.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
drawable	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
major_code	**Value:** `<Field type=c_int, ofs=40, size=4>`
minor_code	**Value:** `<Field type=c_int, ofs=44, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`

2.99 Class XVisibilityEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XVisibilityEvent

2.99.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.99.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.99.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP_XDisplay, ofs=24, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
state	**Value:** `<Field type=c_int, ofs=40, size=4>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

2.100 Class XCreateWindowEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XCreateWindowEvent

2.100.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.100.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.100.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
border_width	**Value:** `<Field type=c_int, ofs=64, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`

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Name	Description
height	**Value:** <Field type=c_int, ofs=60, size=4>
override_redirect	**Value:** <Field type=c_int, ofs=68, size=4>
parent	**Value:** <Field type=c_ulong, ofs=32, size=8>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
width	**Value:** <Field type=c_int, ofs=56, size=4>
window	**Value:** <Field type=c_ulong, ofs=40, size=8>
x	**Value:** <Field type=c_int, ofs=48, size=4>
y	**Value:** <Field type=c_int, ofs=52, size=4>

2.101 Class XDestroyWindowEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XDestroyWindowEvent

2.101.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.101.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.101.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
event	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=40, size=8>`

2.102 Class XUnmapEvent

2.102.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

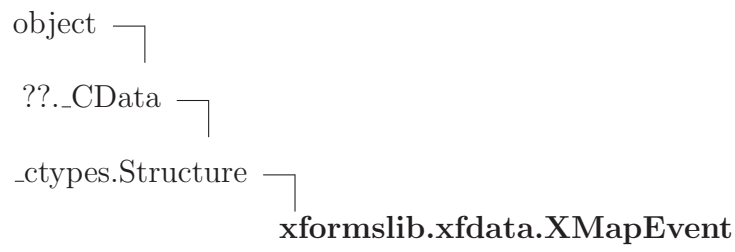
2.102.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.102.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP_XDisplay, ofs=24, size=8>`
event	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
from_configure	**Value:** `<Field type=c_int, ofs=48, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=40, size=8>`

2.103 Class XMapEvent



2.103.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.103.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.103.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
event	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

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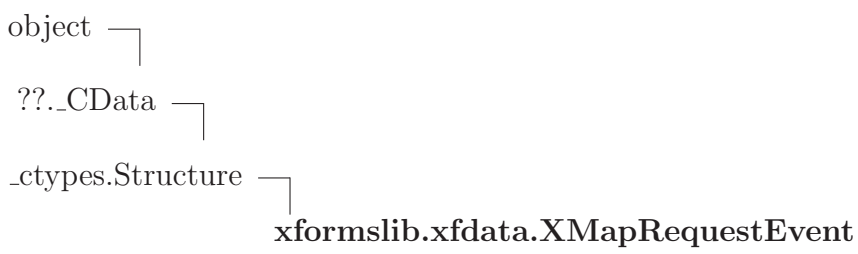
Name	Description
override_redirect	**Value:** <Field type=c_int, ofs=48, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=40, size=8>

2.104 Class XMapRequestEvent



2.104.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.104.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	

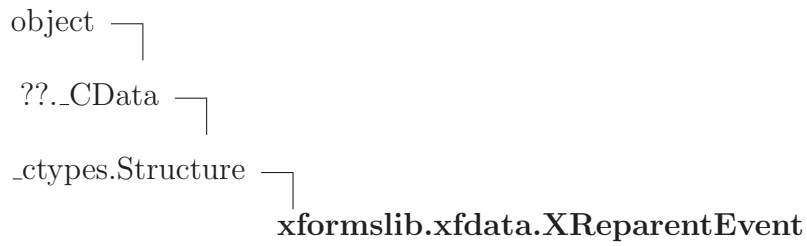
continued on next page

Name	Description
Inherited from object	
__class__	

2.104.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
parent	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=40, size=8>`

2.105 Class XReparentEvent



2.105.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

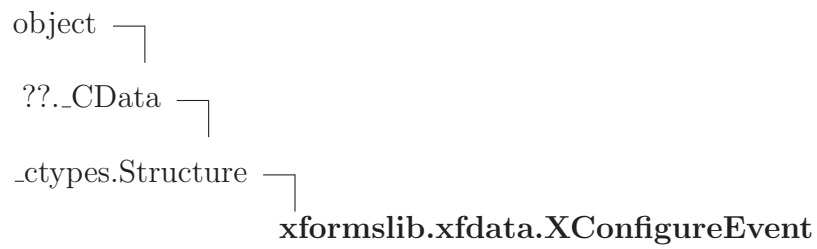
2.105.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.105.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
event	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
override_redirect	**Value:** `<Field type=c_int, ofs=64, size=4>`
parent	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
x	**Value:** `<Field type=c_int, ofs=56, size=4>`
y	**Value:** `<Field type=c_int, ofs=60, size=4>`

2.106 Class XConfigureEvent



2.106.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.106.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.106.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
above	**Value:** `<Field type=c_ulong, ofs=72, size=8>`
border_width	**Value:** `<Field type=c_int, ofs=64, size=4>`

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Name	Description
display	**Value:** <Field type=LP__XDisplay, ofs=24, size=8>
event	**Value:** <Field type=c_ulong, ofs=32, size=8>
height	**Value:** <Field type=c_int, ofs=60, size=4>
override_redirect	**Value:** <Field type=c_int, ofs=80, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
width	**Value:** <Field type=c_int, ofs=56, size=4>
window	**Value:** <Field type=c_ulong, ofs=40, size=8>
x	**Value:** <Field type=c_int, ofs=48, size=4>
y	**Value:** <Field type=c_int, ofs=52, size=4>

2.107 Class XGravityEvent

2.107.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.107.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.107.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
event	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
x	**Value:** `<Field type=c_int, ofs=48, size=4>`
y	**Value:** `<Field type=c_int, ofs=52, size=4>`

2.108 Class XResizeRequestEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XResizeRequestEvent

2.108.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.108.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.108.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
height	**Value:** `<Field type=c_int, ofs=44, size=4>`

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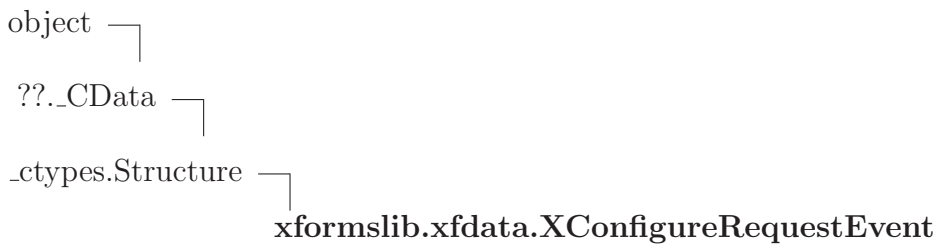
Name	Description
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
width	**Value:** <Field type=c_int, ofs=40, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>

2.109 Class XConfigureRequestEvent



2.109.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.109.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	

continued on next page

Name	Description
Inherited from object	
__class__	

2.109.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
above	**Value:** `<Field type=c_ulong, ofs=72, size=8>`
border_width	**Value:** `<Field type=c_int, ofs=64, size=4>`
detail	**Value:** `<Field type=c_int, ofs=80, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
height	**Value:** `<Field type=c_int, ofs=60, size=4>`
parent	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
value_mask	**Value:** `<Field type=c_ulong, ofs=88, size=8>`
width	**Value:** `<Field type=c_int, ofs=56, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
x	**Value:** `<Field type=c_int, ofs=48, size=4>`
y	**Value:** `<Field type=c_int, ofs=52, size=4>`

2.110 Class XCirculateEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XCirculateEvent

2.110.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.110.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.110.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP_XDisplay, ofs=24, size=8>`
event	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

continued on next page

Name	Description
place	**Value:** <Field type=c_int, ofs=48, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=40, size=8>

2.111 Class XCirculateRequestEvent

object
 ??._CData
 _ctypes.Structure
 xformslib.xfdata.XCirculateRequestEvent

2.111.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.111.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	

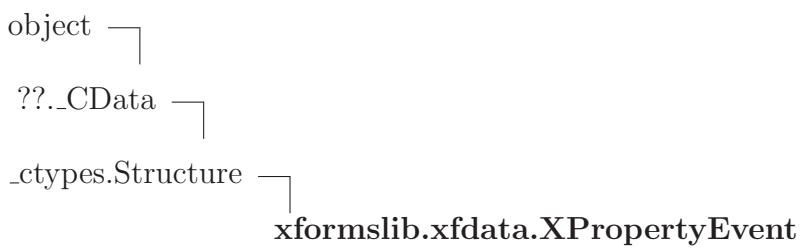
continued on next page

Name	Description
Inherited from object	
__class__	

2.111.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
parent	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
place	**Value:** `<Field type=c_int, ofs=48, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=40, size=8>`

2.112 Class XPropertyEvent



2.112.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.112.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.112.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
atom	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
state	**Value:** `<Field type=c_int, ofs=56, size=4>`
time	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

2.113 Class XSelectionClearEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XSelectionClearEvent

2.113.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.113.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.113.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
selection	**Value:** `<Field type=c_ulong, ofs=40, size=8>`

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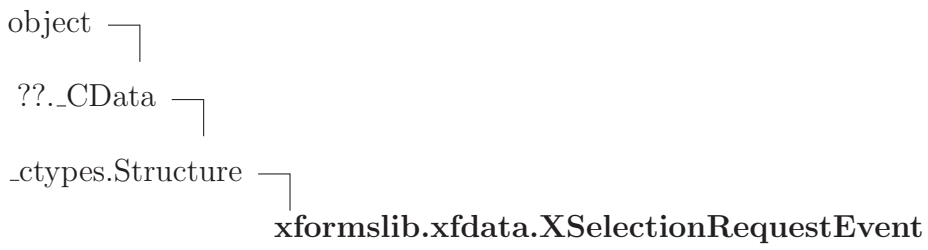
Name	Description
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
time	**Value:** <Field type=c_ulong, ofs=48, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>

2.114 Class XSelectionRequestEvent



2.114.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.114.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	

continued on next page

Name	Description
Inherited from object	
__class__	

2.114.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
owner	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
property	**Value:** `<Field type=c_ulong, ofs=64, size=8>`
requestor	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
selection	**Value:** `<Field type=c_ulong, ofs=48, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
target	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
time	**Value:** `<Field type=c_ulong, ofs=72, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`

2.115 Class XSelectionEvent

2.115.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.115.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.115.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP_XDisplay, ofs=24, size=8>`
property	**Value:** `<Field type=c_ulong, ofs=56, size=8>`
requestor	**Value:** `<Field type=c_ulong, ofs=32, size=8>`
selection	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
target	**Value:** `<Field type=c_ulong, ofs=48, size=8>`

continued on next page

Name	Description
time	**Value:** <Field type=c_ulong, ofs=64, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>

2.116 Class XColormapEvent

2.116.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.116.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.116.3 Class Variables

Name	Description
fields	**Value:** [('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...
c_new	**Value:** <Field type=c_int, ofs=48, size=4>
colormap	**Value:** <Field type=c_ulong, ofs=40, size=8>
display	**Value:** <Field type=LP__XDisplay, ofs=24, size=8>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
state	**Value:** <Field type=c_int, ofs=52, size=4>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>

2.117 Class N19XClientMessageEvent4DOT_71E

object
??._CData
_ctypes.Union
xformslib.xfdata.N19XClientMessageEvent4DOT_71E

2.117.1 Methods

Inherited from _ctypes.Union

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

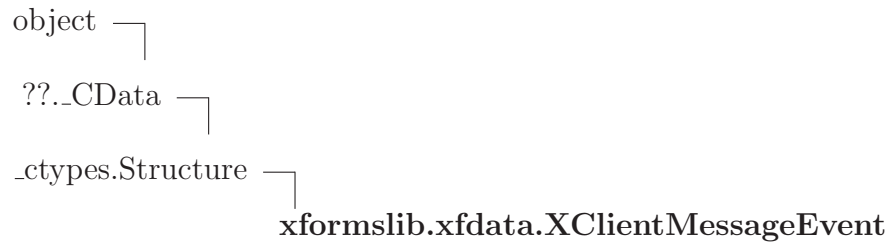
2.117.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.117.3 Class Variables

Name	Description
fields	**Value:** `[('b', <class 'xformslib.xfdata.c_char_Array_20'>), ('s',...`
b	**Value:** `<Field type=c_char_Array_20, ofs=0, size=20>`
l	**Value:** `<Field type=c_long_Array_5, ofs=0, size=40>`
s	**Value:** `<Field type=c_short_Array_10, ofs=0, size=20>`

2.118 Class XClientMessageEvent



2.118.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

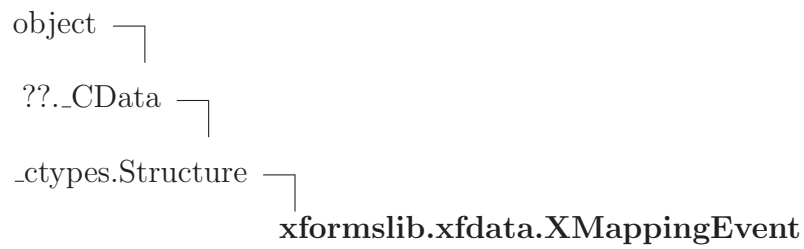
2.118.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.118.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
data	**Value:** `<Field type=N19XClientMessageEvent4DOT_71E, ofs=56, size=40>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
format	**Value:** `<Field type=c_int, ofs=48, size=4>`
message_type	**Value:** `<Field type=c_ulong, ofs=40, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

2.119 Class XMappingEvent



2.119.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.119.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.119.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
count	**Value:** `<Field type=c_int, ofs=48, size=4>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`

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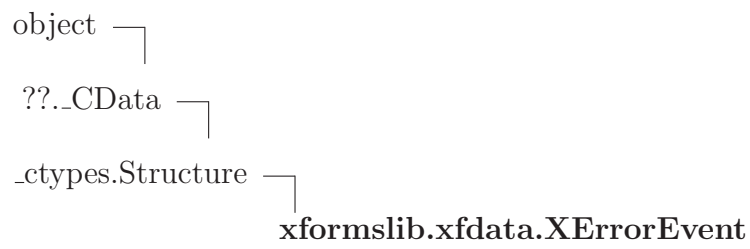
Name	Description
first_keycode	**Value:** <Field type=c_int, ofs=44, size=4>
request	**Value:** <Field type=c_int, ofs=40, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>
window	**Value:** <Field type=c_ulong, ofs=32, size=8>

2.120 Class XErrorEvent



2.120.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.120.2 Properties

Name	Description
Inherited from ??._CData	

continued on next page

Name	Description
_b_base_, _b_needsfree_	
Inherited from object __class__	

2.120.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('display', <class 'xf...`
display	**Value:** `<Field type=LP__XDisplay, ofs=8, size=8>`
error_code	**Value:** `<Field type=c_ubyte, ofs=32, size=1>`
minor_code	**Value:** `<Field type=c_ubyte, ofs=34, size=1>`
request_code	**Value:** `<Field type=c_ubyte, ofs=33, size=1>`
resourceid	**Value:** `<Field type=c_ulong, ofs=16, size=8>`
serial	**Value:** `<Field type=c_ulong, ofs=24, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`

2.121 Class XAnyEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XAnyEvent

2.121.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.121.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.121.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
window	**Value:** `<Field type=c_ulong, ofs=32, size=8>`

2.122 Class XGenericEvent

object
??._CData
_ctypes.Structure
xformslib.xfdata.XGenericEvent

2.122.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.122.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.122.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
evtype	**Value:** `<Field type=c_int, ofs=36, size=4>`

continued on next page

Name	Description
extension	**Value:** <Field type=c_int, ofs=32, size=4>
send_event	**Value:** <Field type=c_int, ofs=16, size=4>
serial	**Value:** <Field type=c_ulong, ofs=8, size=8>
type	**Value:** <Field type=c_int, ofs=0, size=4>

2.123 Class XGenericEventCookie

object
??._CData
_ctypes.Structure
xformslib.xfdata.XGenericEventCookie

2.123.1 Methods

Inherited from _ctypes.Structure

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

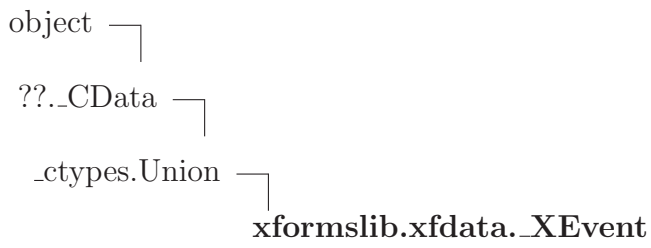
2.123.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.123.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('serial', <class 'cty...`
cookie	**Value:** `<Field type=c_uint, ofs=40, size=4>`
data	**Value:** `<Field type=c_void_p, ofs=48, size=8>`
display	**Value:** `<Field type=LP__XDisplay, ofs=24, size=8>`
evtype	**Value:** `<Field type=c_int, ofs=36, size=4>`
extension	**Value:** `<Field type=c_int, ofs=32, size=4>`
send_event	**Value:** `<Field type=c_int, ofs=16, size=4>`
serial	**Value:** `<Field type=c_ulong, ofs=8, size=8>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`

2.124 Class _XEvent



2.124.1 Methods

Inherited from _ctypes.Union

__init__(), __new__()

Inherited from ??._CData

__ctypes_from_outparam__(), __hash__(), __reduce__(), __setstate__()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

2.124.2 Properties

Name	Description
Inherited from ??._CData _b_base_, _b_needsfree_	
Inherited from object __class__	

2.124.3 Class Variables

Name	Description
fields	**Value:** `[('type', <class 'ctypes.c_int'>), ('xany', <class 'xform...`
pad	**Value:** `<Field type=c_long_Array_24, ofs=0, size=192>`
type	**Value:** `<Field type=c_int, ofs=0, size=4>`
xany	**Value:** `<Field type=XAnyEvent, ofs=0, size=40>`
xbutton	**Value:** `<Field type=XButtonEvent, ofs=0, size=96>`
xcirculate	**Value:** `<Field type=XCirculateEvent, ofs=0, size=56>`
xcirculaterequest	**Value:** `<Field type=XCirculateRequestEvent, ofs=0, size=56>`
xclient	**Value:** `<Field type=XClientMessageEvent, ofs=0, size=96>`
xcolormap	**Value:** `<Field type=XColormapEvent, ofs=0, size=56>`
xconfigure	**Value:** `<Field type=XConfigureEvent, ofs=0, size=88>`
xconfigurerequest	**Value:** `<Field type=XConfigureRequestEvent, ofs=0, size=96>`
xcookie	**Value:** `<Field type=XGenericEventCookie, ofs=0, size=56>`

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Name	Description
xcreatewindow	**Value:** <Field type=XCreateWindowEvent, ofs=0, size=72>
xcrossing	**Value:** <Field type=XCrossingEvent, ofs=0, size=104>
xdestroywindow	**Value:** <Field type=XDestroyWindowEvent, ofs=0, size=48>
xerror	**Value:** <Field type=XErrorEvent, ofs=0, size=40>
xexpose	**Value:** <Field type=XExposeEvent, ofs=0, size=64>
xfocus	**Value:** <Field type=XFocusChangeEvent, ofs=0, size=48>
xgeneric	**Value:** <Field type=XGenericEvent, ofs=0, size=40>
xgraphicsexpose	**Value:** <Field type=XGraphicsExposeEvent, ofs=0, size=72>
xgravity	**Value:** <Field type=XGravityEvent, ofs=0, size=56>
xkey	**Value:** <Field type=XKeyEvent, ofs=0, size=96>
xkeymap	**Value:** <Field type=XKeymapEvent, ofs=0, size=72>
xmap	**Value:** <Field type=XMapEvent, ofs=0, size=56>
xmapping	**Value:** <Field type=XMappingEvent, ofs=0, size=56>
xmaprequest	**Value:** <Field type=XMapRequestEvent, ofs=0, size=48>
xmotion	**Value:** <Field type=XMotionEvent, ofs=0, size=96>
xnoexpose	**Value:** <Field type=XNoExposeEvent, ofs=0, size=48>
xproperty	**Value:** <Field type=XPropertyEvent, ofs=0, size=64>
xreparent	**Value:** <Field type=XReparentEvent, ofs=0, size=72>
xresizerequest	**Value:** <Field type=XResizeRequestEvent, ofs=0, size=48>
xselection	**Value:** <Field type=XSelectionEvent, ofs=0, size=72>

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Name	Description
xselectionclear	**Value:** <Field type=XSelectionClearEvent, ofs=0, size=56>
xselectionrequest	**Value:** <Field type=XSelectionRequestEvent, ofs=0, size=80>
xunmap	**Value:** <Field type=XUnmapEvent, ofs=0, size=56>
xvisibility	**Value:** <Field type=XVisibilityEvent, ofs=0, size=48>

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