Event Codes

5
Event Codes

Table 5-1 lists the predefined event codes and their values. Table 5-2 lists the event codes for the Mouseless Model, and their values.

Table 5-1. Event Codes

Value	Event Code	Description
0	`ASCII_FIRST`	Marks beginning of ASCII range.
127	`ASCII_LAST`	Marks end of ASCII range.
128	`META_FIRST`	Marks beginning of `META` range.
255	`META_LAST`	Marks end of `META` range.
31744	`ACTION_NULL_EVENT`	Event was *not* translated into an action.
31745	`ACTION_ERASE_CHAR_BACKWARD`	Erase char to the left of caret.
31746	`ACTION_ERASE_CHAR_FORWARD`	Erase char to the right of caret.
31747	`ACTION_ERASE_WORD_BACKWARD`	Erase word to the left of caret.
31748	`ACTION_ERASE_WORD_FORWARD`	Erase word to the right of caret.
31749	`ACTION_ERASE_LINE_BACKWARD`	Erase to the beginning of the line.
31750	`ACTION_ERASE_LINE_END`	Erase to the end of the line.
31752	`ACTION_GO_CHAR_BACKWARD`	Move the caret one character to the left.
31753	`ACTION_GO_CHAR_FORWARD`	Move the caret one character to the right.
31754	`ACTION_GO_WORD_BACKWARD`	Move the caret one word to the left.
31755	`ACTION_GO_WORD_FORWARD`	Move the caret one word to the right.
31756	`ACTION_GO_WORD_END`	Move the caret to the end of the word.
31757	`ACTION_GO_LINE_BACKWARD`	Move the caret to the start of the line.
31758	`ACTION_GO_LINE_FORWARD`	Move the caret to the start of the next line.
31759	`ACTION_GO_LINE_END`	Move the caret to the end of the line.
31760	`ACTION_GO_LINE_START`	Move the caret to the beginning of the line.
31761	`ACTION_GO_COLUMN_BACKWARD`	Move the caret up one line, maintaining column position.
31762	`ACTION_GO_COLUMN_FORWARD`	Move the caret down one line, maintaining column position.
31763	`ACTION_GO_DOCUMENT_START`	Move the caret to the beginning of the text.
31764	`ACTION_GO_DOCUMENT_END`	Move the caret to the end of the text.
31765	`ACTION_GO_PAGE_FORWARD`	Move the caret to the next page.
31766	`ACTION_GO_PAGE_BACKWARD`	Move the caret to the previous page.
31767	`ACTION_STOP`	Stop the operation.

Table 5-1. Event Codes (continued)

Value	Event Code	Description
31768	ACTION_AGAIN	Repeat previous operation.
31769	ACTION_PROPS	Show property sheet window.
31770	ACTION_UNDO	Undo previous operation.
31771	ACTION_REDO	Repeat previous operation.
31772	ACTION_FRONT	Bring window to the front of the desktop.
31773	ACTION_BACK	Put the window at the back of the desktop.
31774	ACTION_COPY	Copy the selection to the clipboard.
31775	ACTION_OPEN	Open a window from its icon form (or close if already open).
31776	ACTION_CLOSE	Close a window to an icon.
31777	ACTION_PASTE	Copy clipboard contents to the insertion point.
31778	ACTION_FIND_BACKWARD	Find the text selection to the left of the caret.
31779	ACTION_FIND_FORWARD	Find the text selection to the right of the caret.
31780	ACTION_REPLACE	Show find and replace window.
31781	ACTION_CUT	Delete the selection and put on clipboard.
31782	ACTION_SELECT_FIELD_BACKWARD	Select the previous delimited field.
31783	ACTION_SELECT_FIELD_FORWARD	Select the next delimited field.
31784	ACTION_COPY_THEN_PASTE	Copy, then paste, text.
31785	ACTION_STORE	Store the specified selection as a new file.
31786	ACTION_LOAD	Load the specified selection as a new file.
31787	ACTION_INCLUDE_FILE	Includes the file.
31788	ACTION_GET_FILENAME	Get the selected filename.
31789	ACTION_SET_DIRECTORY	Set the directory to the selection.
31790	ACTION_DO_IT	Do the appropriate default action.
31791	ACTION_HELP	Set the directory to the selection.
31792	ACTION_INSERT	“INSERT” key. This may not be available on all keyboards.
31796	ACTION_CAPS_LOCK	Toggle caps-lock state.
31799	ACTION_SELECT	Left mouse button down or up.
31800	ACTION_ADJUST	Middle mouse button down or up.
31801	ACTION_MENU	Right mouse button down or up.
31802	ACTION_DRAG_MOVE	For moving text.
31803	ACTION_DRAG_COPY	Attempting to drag copy.
31803	ACTION_SPLIT_HORIZONTAL	Split pane horizontally.
31804	ACTION_DRAG_LOAD	Attempting to drag load.
31806	ACTION_SPLIT_VERTICAL	Split pane vertically.
31807	ACTION_SPLIT_INIT	Initialize a split pane.
31808	ACTION_SPLIT_DESTROY	Destroy a split of a pane.
31809	ACTION_RESCALE	Rescale a pane.
31810	ACTION_PININ	Pop up’s OPEN LOOK pushpin in window header is in.
31811	ACTION_PINOUT	Pop up’s OPEN LOOK pushpin in window header is out.
31812	ACTION_DISMISS	OPEN LOOK “dismiss” of pop-up window.
31815	ACTION_TAKE_FOCUS	Take the input focus.

Table 5-1. Event Codes (continued)

Value	Event Code	Description
31818	KBD_MAP	KeymapNotify
31819	WIN_GRAPHICS_EXPOSE	GraphicsExpose
31820	WIN_NO_EXPOSE	NoExpose
31821	WIN_VISIBILITY_NOTIFY	VisibilityNotify
31822	WIN_CREATE_NOTIFY	CreateNotify
31823	WIN_DESTROY_NOTIFY	DestroyNotify
31824	WIN_MAP_REQUEST	MapRequest
31825	WIN_REPARENT_NOTIFY	ReparentNotify
31826	WIN_GRAVITY_NOTIFY	GravityNotify
31827	WIN_RESIZE_REQUEST	ResizeRequest
31828	WIN_CONFIGURE_REQUEST	ConfigureRequest
31829	WIN_CIRCULATE_REQUEST	CirculateRequest
31830	WIN_CIRCULATE_NOTIFY	CirculateNotify
31831	WIN_PROPERTY_NOTIFY	PropertyNotify
31835	WIN_COLORMAP_NOTIFY	ColormapNotify
31836	MAPPING_NOTIFY	MappingNotify
31895	ACTION_MATCH_DELIMITER	Select text up to a matching delimiter.
31897	ACTION_QUOTE	Cause next event in the input stream to pass. untranslated by the keymapping system.
31898	ACTION_EMPTY	Empty out the object or window.
32000	PANEL_EVENT_CANCEL	The panel or panel item is no longer “current.”
32256	SCROLLBAR_REQUEST	Request the scrollbar client to scroll paint window to a new view start.
32512	LOC_MOVE	MotionNotify – Pointer moves.
32513	LOC_WINENTER	EnterNotify – Pointer enters window.
32514	LOC_WINEXIT	LeaveNotify – Pointer exits window.
32515	LOC_DRAG	MotionNotify – Pointer moves while a button was down.
32516	WIN_REPAINT	Expose – Some portion of window requires repainting.
32517	WIN_RESIZE	ConfigureNotify – Window has been resized.
32518	WIN_MAP_NOTIFY	MapNotify – Notification of window being mapped.
32519	WIN_UNMAP_NOTIFY	UnmapNotify – Notification of window that is being unmapped.
32520	KBD_USE	FocusIn– Window is now the focus of keyboard input.
32521	KBD_DONE	FocusOut – Window is no longer the focus of input from keyboard.
32522	WIN_CLIENT_MESSAGE	ClientMessage – A message from another client.
32522	WIN_GRAPHICS_EXPOSE	GraphicsExpose – Source area for copy is outside of source window or obscured.
32537	SEL_CLEAR	SelectionClear
32538	SEL_REQUEST	SelectionRequest
32539	SEL_NOTIFY	SelectionNotify
32563+i-1	BUT(i)	Press pointer buttons 1–10

Event Codes

Table 5-1. Event Codes (continued)

Value	Event Code	Description
32563	MS_LEFT	Press left mouse button. ButtonPress or ButtonRelease.
32564	MS_MIDDLE	Press middle mouse button. ButtonPress or ButtonRelease.
32565	MS_RIGHT	Press right mouse button. ButtonPress or ButtonRelease
32573+i-1	KEY_LEFT(i)	Press left function keys 1–15. KeyPress or KeyRelease.
32589+i-1	KEY_RIGHT(i)	Press right function keys 1–15. KeyPress or KeyRelease.
32605+i-1	KEY_TOP(i)	Press top function keys 1–15. KeyPress or KeyRelease.
32621+i-1	KEY_BOTTOM(i)	“BOTTOM” keys
32621	KEY_BOTTOMLEFT	
32621	KEY_BOTTOMFIRST	
32622	KEY_BOTTOMRIGHT	
32636	KEY_BOTTOMLAST	

Table 5-2. Mouseless Event Codes

Value	Event Code	Definition
31818	ACTION_ACCELERATOR	XVIEW_FIRST+74
31819	ACTION_DELETE_SELECTION	XVIEW_FIRST+75
31820	ACTION_ERASE_LINE	XVIEW_FIRST+76
31821	ACTION_HORIZONTAL_SCROLLBAR_MENU	XVIEW_FIRST+77
31822	ACTION_INPUT_FOCUS_HELP	XVIEW_FIRST+78
31823	ACTION_JUMP_DOWN	XVIEW_FIRST+79
31824	ACTION_JUMP_MOUSE_TO_INPUT_FOCUS	XVIEW_FIRST+80
31825	ACTION_JUMP_UP	XVIEW_FIRST+81
31826	ACTION_MORE_HELP	XVIEW_FIRST+82
31827	ACTION_MORE_TEXT_HELP	XVIEW_FIRST+83
31828	ACTION_NEXT_ELEMENT	XVIEW_FIRST+84
31829	ACTION_NEXT_PANE	XVIEW_FIRST+85
31830	ACTION_PANE_BACKGROUND	XVIEW_FIRST+86
31831	ACTION_PANE_LEFT	XVIEW_FIRST+87
31832	ACTION_PANE_RIGHT	XVIEW_FIRST+88
31833	ACTION_PANEL_START	XVIEW_FIRST+89
31834	ACTION_PANEL_END	XVIEW_FIRST+90
31835	ACTION_PREVIOUS_ELEMENT	XVIEW_FIRST+91
31836	ACTION_PREVIOUS_PANE	XVIEW_FIRST+92
31837	ACTION_QUOTE_NEXT_KEY	XVIEW_FIRST+93

Table 5-2. Mouseless Event Codes (continued)

Value	Event Code	Definition
31838	ACTION_RESUME_MOUSELESS	XVIEW_FIRST+94
31839	ACTION_SCROLL_DATA_END	XVIEW_FIRST+95
31840	ACTION_SCROLL_DATA_START	XVIEW_FIRST+96
31841	ACTION_SCROLL_DOWN	XVIEW_FIRST+97
31842	ACTION_SCROLL_JUMP_DOWN	XVIEW_FIRST+98
31843	ACTION_SCROLL_JUMP_LEFT	XVIEW_FIRST+99
31844	ACTION_SCROLL_JUMP_RIGHT	XVIEW_FIRST+100
31845	ACTION_SCROLL_JUMP_UP	XVIEW_FIRST+101
31846	ACTION_SCROLL_LEFT	XVIEW_FIRST+102
31847	ACTION_SCROLL_LINE_END	XVIEW_FIRST+103
31848	ACTION_SCROLL_LINE_START	XVIEW_FIRST+104
31849	ACTION_SCROLL_RIGHT	XVIEW_FIRST+105
31850	ACTION_SCROLL_PANE_DOWN	XVIEW_FIRST+106
31851	ACTION_SCROLL_PANE_LEFT	XVIEW_FIRST+107
31852	ACTION_SCROLL_PANE_RIGHT	XVIEW_FIRST+108
31853	ACTION_SCROLL_PANE_UP	XVIEW_FIRST+109
31854	ACTION_SCROLL_UP	XVIEW_FIRST+110
31855	ACTION_SELECT_ALL	XVIEW_FIRST+111
31856	ACTION_SELECT_DATA_END	XVIEW_FIRST+112
31857	ACTION_SELECT_DATA_START	XVIEW_FIRST+113
31858	ACTION_SELECT_DOWN	XVIEW_FIRST+114
31859	ACTION_SELECT_JUMP_DOWN	XVIEW_FIRST+115
31860	ACTION_SELECT_JUMP_LEFT	XVIEW_FIRST+116
31861	ACTION_SELECT_JUMP_RIGHT	XVIEW_FIRST+117
31862	ACTION_SELECT_JUMP_UP	XVIEW_FIRST+118
31863	ACTION_SELECT_LEFT	XVIEW_FIRST+119
31864	ACTION_SELECT_LINE_END	XVIEW_FIRST+120
31865	ACTION_SELECT_LINE_START	XVIEW_FIRST+121
31866	ACTION_SELECT_RIGHT	XVIEW_FIRST+122
31867	ACTION_SELECT_PANE_DOWN	XVIEW_FIRST+123
31868	ACTION_SELECT_PANE_LEFT	XVIEW_FIRST+124
31869	ACTION_SELECT_PANE_RIGHT	XVIEW_FIRST+125
31870	ACTION_SELECT_PANE_UP	XVIEW_FIRST+126
31871	ACTION_SELECT_UP	XVIEW_FIRST+127
31872	ACTION_SUSPEND_MOUSELESS	XVIEW_FIRST+128
31873	ACTION_TEXT_HELP	XVIEW_FIRST+129
31874	ACTION_TRANSLATE	XVIEW_FIRST+130
31875	ACTION_VERTICAL_SCROLLBAR_MENU	XVIEW_FIRST+131