APPENDIX K

OPEN LOOK Mouseless Keyboard Summary

The OPEN LOOK specification suggests that implementations should provide a mode for mouseless operations, for those most disposed to use a keyboard for everything. While one wonders what such people will do when computers need to speak and provide video, there is ample precedent for such "mouseless operations".—it wasn't that long ago that the average MIS Manager didn't even know that some computers *had* mice. Well, anyway, the OPEN LOOK GUI provides for mouseless work by defining a series of tags and assigning key values to them. For example, the tag ACTION_CUT is used to Cut the selected objects. On OpenWindows, it is initially mapped to x+Meta,L10", which means that either pressing the L10 key, or holding the "Meta" key while pressing "x", will cut the current selection. And, you can change this by setting the X Resource named "Cut" to some other value.

K.1 AT&T Mouseless Operations

The AT&T mouseless operations are not documented with their resources. Instead, the AT&T-OL version of the *properties* editor allows you to change all the common mouseless operation key combinations, and this has already been documented. For this reason, the AT&T-OL mouseless keys are not listed here; please refer to the AT&T documentation for this information.

K.2 OpenWindows Mouseless Operations

The following table lists the Sun mouseless mode operations; most of the names of the actions are self-explanatory.

Example K-1. OpenWindows Mouseless Keys

OPEN LOOK Name	OpenWindows Resource Name (`OpenWindows.KeyboardCommand.`)	Default Binding
ACTION_ADJUST	Adjust	Insert+Alt
ACTION_AGAIN	Again	a+Meta,a+Ctrl+Meta,L2
ACTION_COPY	Copy	c+Meta,L6
ACTION_COPY_THEN_PASTE	CopyThenPaste	p+Meta
ACTION_CUT	Cut	x+Meta,L10
ACTION_DATA_END	DataEnd	End+Ctrl,R13+Ctrl
ACTION_DATA_END	DataEnd	End,R13,Return+Ctrl,End+Shift
ACTION_DATA_START	DataStart	Home+Ctrl,R7+Ctrl
ACTION_DATA_START	DataStart	Home,R7,Return+Shift+Ctrl,Home+Shift
ACTION_DEFAULT_ACTION	DefaultAction	Return+Meta
ACTION_DOWN	Down	Down
ACTION_DOWN	Down	n+Ctrl,P+Ctrl,Down,R14,Down+Shift
ACTION_EMPTY	Empty	e+Meta,e+Ctrl+Meta
ACTION_ERASE_CHAR_BACKWARD	EraseCharBackward	Delete,BackSpace
ACTION_ERASE_CHAR_FORWARD	EraseCharForward	Delete+Shift,BackSpace+Shift
ACTION_ERASE_CHAR_FORWARD	EraseCharForward	Delete+Shift,BackSpace+Shift
ACTION_ERASE_LINE	EraseLine	Delete+Meta,BackSpace+Meta

Example K-1. OpenWindows Mouseless Keys

OPEN LOOK Name	OpenWindows Resource Name (`OpenWindows.KeyboardCommand.`)	Default Binding
ACTION_ERASE_LINE_BACKWARD	EraseLineBackward	u+Ctrl
ACTION_ERASE_LINE_END	EraseLineEnd	U+Ctrl
ACTION_ERASE_WORD_BACKWARD	EraseWordBackward	w+Ctrl
ACTION_ERASE_WORD_FORWARD	EraseWordForward	W+Ctrl
ACTION_FIND_BACKWARD	FindBackward	F+Meta,L9+Shift
ACTION_FIND_FORWARD	FindForward	f+Meta,L9
ACTION_GO_LINE_FORWARD	GoLineForward	apostrophe+Ctrl,R11
ACTION_GO_PAGE_BACKWARD	GoPageBackward	R9
ACTION_GO_PAGE_FORWARD	GoPageForward	R15
ACTION_GO_WORD_FORWARD	GoWordForward	slash+Ctrl,less+Ctrl
ACTION_HELP	Help	Help
ACTION_HORIZONTAL_SCROLLBAR_MENU	HorizontalScrollbar-Menu	h+Alt
ACTION_INCLUDE_FILE	IncludeFile	i+Meta
ACTION_INPUT_FOCUS_HELP	InputFocusHelp	question+Ctrl
ACTION_INSERT	Insert	Insert
ACTION_JUMP_DOWN	JumpDown	Down+Ctrl
ACTION_JUMP_LEFT	JumpLeft	Left+Ctrl
ACTION_JUMP_LEFT	JumpLeft	comma+Ctrl,greater+Ctrl
ACTION_JUMP_MOUSE_TO_INPUT_FOCUS	JumpMouseToInput-Focus	j+Alt
ACTION_JUMP_RIGHT	JumpRight	Right+Ctrl
ACTION_JUMP_RIGHT	JumpRight	period+Ctrl

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Example K-1. OpenWindows Mouseless Keys

OPEN LOOK Name	OpenWindows Resource Name (`OpenWindows.KeyboardCommand.`)	Default Binding
ACTION_JUMP_UP	JumpUp	Up+Ctrl
ACTION_LEFT	Left	Left
ACTION_LEFT	Left	b+Ctrl,F+Ctrl,Left,R10,Left+Shift
ACTION_LINE_END	LineEnd	e+Ctrl,A+Ctrl
ACTION_LINE_START	LineStart	a+Ctrl,E+Ctrl
ACTION_LOAD	Load	l+Meta
ACTION_MATCH_DELIMITER	MatchDelimiter	d+Meta
ACTION_MENU	Menu	space+Alt
ACTION_MORE_HELP	MoreHelp	Help+Shift
ACTION_MORE_TEXT_HELP	MoreTextHelp	Help+Shift+Ctrl
ACTION_NEXT_ELEMENT	NextElement	Tab+Ctrl
ACTION_NEXT_PANE	NextPane	a+Alt
ACTION_PANEL_END	PanelEnd	bracketright+Ctrl
ACTION_PANEL_START	PanelStart	bracketleft+Ctrl
ACTION_PANE_BACKGROUND	PaneBackground	b+Alt
ACTION_PANE_DOWN	PaneDown	R15
ACTION_PANE_LEFT	PaneLeft	R9+Ctrl
ACTION_PANE_RIGHT	PaneRight	R15+Ctrl
ACTION_PANE_UP	PaneUp	R9
ACTION_PASTE	Paste	v+Meta,L8
ACTION_PREVIOUS_ELEMENT	PreviousElement	Tab+Shift+Ctrl
ACTION_PREVIOUS_PANE	PreviousPane	A+Alt
ACTION_PROPS	Props	L3
ACTION_QUOTE_NEXT_KEY	QuoteNextKey	q+Alt

Example K-1. OpenWindows Mouseless Keys

OPEN LOOK Name	OpenWindows Resource Name (OpenWindows.KeyboardCommand.)	Default Binding
ACTION_RESUME_MOUSELESS	ResumeMouseless	Z+Alt
ACTION_RIGHT	Right	Right
ACTION_RIGHT	Right	f+Ctrl,B+Ctrl,Right,R12,Right+Shift
ACTION_ROW_END	RowEnd	End,R13
ACTION_ROW_START	RowStart	Home,R7
ACTION_SCROLL_DATA_END	ScrollDataEnd	End+Alt+Ctrl,R13+Alt+Ctrl
ACTION_SCROLL_DATA_START	ScrollDataStart	Home+Alt+Ctrl,R7+Alt+Ctrl
ACTION_SCROLL_DOWN	ScrollDown	Down+Alt
ACTION_SCROLL_JUMP_DOWN	ScrollJumpDown	Down+Alt+Ctrl
ACTION_SCROLL_JUMP_LEFT	ScrollJumpLeft	Left+Alt+Ctrl
ACTION_SCROLL_JUMP_RIGHT	ScrollJumpRight	Right+Alt+Ctrl
ACTION_SCROLL_JUMP_UP	ScrollJumpUp	Up+Alt+Ctrl
ACTION_SCROLL_LEFT	ScrollLeft	Left+Alt
ACTION_SCROLL_PANE_DOWN	ScrollPaneDown	R15+Alt
ACTION_SCROLL_PANE_LEFT	ScrollPaneLeft	R9+Alt+Ctrl
ACTION_SCROLL_PANE_RIGHT	ScrollPaneRight	R15+Alt+Ctrl
ACTION_SCROLL_PANE_UP	ScrollPaneUp	R9+Alt
ACTION_SCROLL_RIGHT	ScrollRight	Right+Alt
ACTION_SCROLL_ROW_END	ScrollRowEnd	End+Alt,R13+Alt
ACTION_SCROLL_ROW_START	ScrollRowStart	Home+Alt,R7+Alt
ACTION_SCROLL_UP	ScrollUp	Up+Alt
ACTION_SELECT_ALL	SelectAll	End+Shift+Meta,R13+Shift+Meta

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Example K-1. OpenWindows Mouseless Keys

OPEN LOOK Name	OpenWindows Resource Name (`OpenWindows.KeyboardCommand.`)	Default Binding
ACTION_SELECT_DATA_END	SelectDataEnd	End+Shift+Ctrl,R13+Shift+Ctrl
ACTION_SELECT_DATA_START	SelectDataStart	Home+Shift+Ctrl,R7+Shift+Ctrl
ACTION_SELECT_DOWN	SelectDown	Down+Shift
ACTION_SELECT_FIELD_BACKWARD	SelectFieldBackward	Tab+Shift+Ctrl
ACTION_SELECT_FIELD_FORWARD	SelectFieldForward	Tab+Ctrl
ACTION_SELECT_JUMP_DOWN	SelectJumpDown	Down+Shift+Ctrl
ACTION_SELECT_JUMP_LEFT	SelectJumpLeft	Left+Shift+Ctrl
ACTION_SELECT_JUMP_RIGHT	SelectJumpRight	Right+Shift+Ctrl
ACTION_SELECT_JUMP_UP	SelectJumpUp	Up+Shift+Ctrl
ACTION_SELECT_LEFT	SelectLeft	Left+Shift
ACTION_SELECT_NEXT_FIELD	SelectNextField	Tab+Meta
ACTION_SELECT_PANE_DOWN	SelectPaneDown	R15+Shift
ACTION_SELECT_PANE_LEFT	SelectPaneLeft	R9+Shift+Ctrl
ACTION_SELECT_PANE_RIGHT	SelectPaneRight	R15+Shift+Ctrl
ACTION_SELECT_PANE_UP	SelectPaneUp	R9+Shift
ACTION_SELECT_PREVIOUS_FIELD	SelectPreviousField	Tab+Shift+Meta
ACTION_SELECT_RIGHT	SelectRight	Right+Shift
ACTION_SELECT_ROW_END	SelectRowEnd	End+Shift,R13+Shift
ACTION_SELECT_ROW_START	SelectRowStart	Home+Shift,R7+Shift
ACTION_SELECT_UP	SelectUp	Up+Shift
ACTION_STOP	Stop	L1

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Example K-1. OpenWindows Mouseless Keys

OPEN LOOK Name	OpenWindows Resource Name (`OpenWindows.KeyboardCommand.`)	Default Binding
ACTION_STORE	Store	s+Meta
ACTION_SUSPEND_MOUSELESS	SuspendMouseless	z+Alt
ACTION_TEXT_HELP	TextHelp	Help+Ctrl
ACTION_TRANSLATE	Translate	R2
ACTION_UNDO	Undo	u+Meta,L4
ACTION_UP	Up	Up
ACTION_UP	Up	p+Ctrl,N+Ctrl,Up,R8,Up+Shift
ACTION_VERTICAL_SCROLLBAR_MENU	VerticalScrollbarMenu	v+Alt