Appendix F-New Features in Motif 2.2

This appendix provides a summary of the new features in Motif 2.2. It lists the new toolkit functions and widget classes in Motif 2.2, as well as any new resources added to existing widget classes. For more information on the functions and widgets, see the appropriate reference pages in Section 1, *Motif Functions and Macros*, and Section 2, *Motif and Xt Widget Classes*

F.1 New Toolkit Functions

XmDataFieldCopy	Copy the primary selection to the clipboard.
XmDataFieldCut	Copy the primary selection to the clipboard and remove the selected text.
XmDataFieldGetSelection	Get the value of the primary selection.
XmDataFieldGetSelectionPosition	Get the position of the primary selection.
XmDataFieldGetString	Set the text string.
XmDataFieldGetStringWcs	Set the current wide-character text string.
XmDataFieldSetAddMode	Set the add mode state.
XmDataFieldSetEditable	Set the edit permission state.
XmDataFieldSetHighlight	Specify the DataField widget.
XmDataFieldSetInsertionPosition	Set the position of the insertion cursor.
XmDataFieldSetSelection	Set the value of the primary selection.
XmDataFieldSetString	Set the text string.
XmDataFieldShowPosition	Display the text at a specified position.
XmDataFieldXYToPos	Get the character position for an x, y position.
XmDropDownGetArrow()	Return the "arrow" child of the XmDropDown.
XmDropDownGetLabel()	Return the "label" child of the XmDropDown.
XmDropDownGetList()	Return the "list" child of the XmDropDown.
XmDropDownGetText()	Return the "text" child of the XmDropDown.
XmDropDownGetValue()	Retrieve the value from DropDown.
XmHierarchyGetChildNodes()	Return the list of "node children" of the node widget
XmHierarchyOpenAllAncestors()	Open all ancestors of a given node.
XmIconBoxIsCellEmpty()	An IconBox function that determines whether a cell in the IconBox is empty.
XmNotebookGetPageInfo()	Retrieve data about a Notebook page.
XmObjectAtPoint()	Find the widget most closely associated with a point.
XmPanedGetPanes	Retrieve the panes in the widget.
XmTabStackGetSelectedTab()	Return the widget ID of the currently selected tab.

XmTabStackIndexToWidget()   Return the widget ID of the tab in the
                                                 TabStack.

XmTabStackSelectTab()   Set the currently displayed child of the
                                                 TabStack.

XmTabStackXYToWidget()   Convert a pixel coordinate in the TabStack's
                                                 window to the widget of the tab.

F.2 New Widget Classes

XmButtonBox
XmColumn
XmDataField
XmDropDown
XmFontSelector
XmHierarchy
XmIconBox
XmMultiList
XmOutline
XmPaned
XmTabStack
XmTree

F.3 New Resources in Existing Widget Classes

Vendor Shell	XmNtoolTipPostDelay
	XmNtoolTipPostDuration
	XmNtoolTipEnable
XmGadget	XmNtoolTipString
XmPrimitive	XmNtoolTipString