BML-Controls

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BWBarMenu (BWCtrl)	**barmenu**	rendermode (E:professional/system)	menu	-	-	-
BWBorderCtrl (BWCtrl)	**-**	border (E:None/FixedSingle/Fixed3D) borderref (S)	xborder	-	-	-
BWBrowser (BWCtrl)	**browser**	src (S) usemenu (B)	-	setSrc back forward home blank stop print printDefault printPreview pageSetup properties	cangobackchanged documentcompleted navigating	-
BWButton (BWValCtrl)	**button**	def (B)	img	setDefault	-	-
BWCheckbox (BWValCtrl)	**checkbox**	textalign (E:top/middle/bottom + left/center/right) checkalign (E:left/right/topleft/topright) checkstate (E:unchecked / checked / indeterminate) tri (B)	-	setCheckState setThreeState setTextAlign	statechange statechanged pstatechanged	checked checkstate
BWCheckMenuItem (BWMenuItem)	**mci**	checked (B)	-	-	mouseenter mouseexit	-
BWChoice (BWCtrl)	**choice**	edit (B) select (I) sorted (B) valselect (B) align (E:left/center/right) hint (S) padding (I) value (S)	-	selectItem addItems insertItems removeItems setText	selected textupdate pselectionchanged	pos nid val

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
		maxvis (I) acmode (E:none/suggest/append/suggestappend)				
BWCircle (BWOpaqueDeco)	**circle**	-	-	-	-	-
BWCJScript	**cjscript**	-	-	-	-	-
BWCompound (BWCtrl)	**compound**	border (E) scroll (E:none/horizontal/vertical/both) ifocus (S)	barmenu browser button checkbox choice compound datagrid designpane designgrid designtoolbox editor entry label list tmenu[] notebook picturebox progress radiobutton tstyle[] tborder[] syntaxeditor toolbar toolstrip tree line rect circle group img	addControls removeControls	layouted	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BWCtrl (BWElement)	-	state (E:initial/required/erroneous/disabled/readonly) tabindex (I) visible (B) rolocked (B) busyactive (B)	pos keys events tooltip content contextmenu	setContent setErroneous setRequired setState setFocus setVisible setCtxMenu setStyleRef setStyle addEvents removeEvents setTooltip	focuslost focusgot clicked validate created resized pcontentchanged pvstatechanged exposed	width height
BWContextMenu	**contextmenu**	-	menu	-	-	-
BWDataGrid (BWCtrl)	**datagrid**	extendable (B) autosize (E:none / cols / rows / all) header (E:none / cols / rows / all) selmode (E:CellSelect/FullRowSelect/FullColumnSelect/RowHeaderSelect/ColumnHeaderSelect) multisel (B)	-	editCell selectRows selectCols selectCells insertRows removeRows clearSelection	beginedit endedit cellclicked cellcontentclicked celldoubleclicked headerclicked rowclicked rowadded selectionchanged	colidx rowidx colid rowid cellid val
BWDateTimePicker (BWCtrl)	**datetime**	spin(B) format(S) e.g. "ddd dd.MM.yyyy hh:mm"	-	setDateTime setMinDateTime setMaxDateTime setFormat setSpinMode	validate valuechanged	val jval lsval ftval
BWDeco (BWElement)	**-**	-	pos	-	-	-
BWDesignPane (BWCtrl)	**designpane**	-	selection	select remove insert clear deploy	removed modified added selected deploy	member serialized cid urlid
BWDesignProps	**designprops**	-	-	-	-	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
(BWCtrl)						
BWDesignToolbox (BWToolbar)	**designtoolbox**	-	-	-	-	-
BWDialog (BWCtrl)	**dialog**	title (S) baseuri (S) width (I) height (I) imgSrc (S) sizeable (B)	tstyle[] tmenu[] portal portlet[]	-	closerequest closed	-
BWEditor (BWValCtrl)	**editor**	tab (B) wrap (B) istart (I) iend (I) scroll (E:none/vertical/horizontal/both)	-	selectAll selectFromTo cut copy paste	-	-
BWElement	**-**	id (S) styleref (S)	style cjscript prop[]	-	-	id
BWEntry (BWValCtrl)	**entry**	password (B) maxlen (I) istart (I) iend (I) align (E:left/center/right) hint (S) mask (S)	-	selectAll selectFromTo cut copy paste	modified	-
BWEvent	**event**	name (S) method(S)	-	-	-	-
BWEvents	**events**	-	event[]	-	-	-
BWExtBorder	**xborder**	id (S)	style (E:none/flat/sunken/bump/etched/raised) color (S) icolor (S) width (I)	-	-	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BWGroup (BWDeco)	**groupbox**	title (S)	-	-	-	-
BWGroupBox (BWCompound)	**compoundbox**	title (S)	-	-	-	-
BWImage (BWDeco)	**img**	src (S) mode (E:unscaled/scaled/centered/cropped/aligned) align (E:top/middle/bottom + left/center/right)	-	-	-	-
BWKey	**key**	name [<C+A+S->key] method (S) global (B)	-	-	-	-
BWKeys	**keys**	-	key[]	-	-	-
BWLabel (BWValCtrl)	**label**	align (E:top/middle/bottom + left/center/right) for (S) ellipsis (B)	-	-	-	-
BWLayout	**pos**	Anchors (relative [ppm]): aox (I) aoy (I) acx (I) acy (I) Offsets (absolute): eox (I) eoy (I) ecx (I) ecy (I) rel (E:none/xflow/yflow) hmin (I) wmin (I) unit (E:pixel/sysfont) asmode (E:none/width/height) policy (E:always/visible)	-	-	-	-
BWLine (BWDeco)	**line**	-	-	-	-	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BWList (BWCtrl)	**list**	checkstyle (B) editable (B) sortable (B) startidx (I) select (I) multisel (B)	-	clear removeItems setItemsChecked setItemsSelected setItemsEnabled setIdTooltip setItemsStyleRef addItems insertItems	checkrequest uncheckrequest check uncheck checkchanged selected deselected selectionchanged itemclicked itemdoubleclicked colsort pselectionchanged	nids nidxs pos val nid checked
BWMenu (BWElement)	**menu**	action (S)	mi[] mci[] msub[] msep[]	-	-	-
BWMenuElement (BWElement)	**-**	label (S) align (E:left/right)	-	-	-	-
BWMenuItem (BWMenuElement)	**mi**	action (S) accel (S) imgSrc (S) imgRes (S)	events	-	mouseenter mouseexit	-
BWMenuSubItem (BWMenuItem)	**msub**	-	mi[] mci[] msub[] msep[]	-	-	-
BWMenuSeparator (BWMenuElement)	**msep**	-	-	-	-	-
BWMonthCalendar (BWCtrl)	**mcalendar**	scrollchange (I) date (S)	-	setDate	datechanged dateselected	date start end
BWNotebook	**notebook**	tabalign (E:top/bottom/left/right)	bookpage[]	selectPage	selectionchanged	tabid

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
(BWCtrl)		tabwidth (I)		insertPage removePage setPageContent	selecting deselecting	tabidx
BWOpaqueDeco (BWDeco)	**-**	width (I) fill (B)	-	-	-	-
BWPictureBox (BWCtrl)	**picturebox**	border (E:None/FixedSingle/Fixed3D) sizemode (E:Normal/StretchImage/AutoSize/CenterImage/Zoom)	img	-	-	-
BWPortal	**portal**	defaulttarget (S)	portletcontainer[] portletpane	-	-	-
BWPortlet (BWCompound)	**portlet**	title (S) target (S) vstate (E:normal/min/max) position (E:top/bottom) mode (E:normal/sticky) width (I) height (I) titlebar (B)	-	-	-	-
BWPortletContainer (BWPortletPane)	**portletcontainer**	split (E:H/V) fixed (B)	portletcontainer portletpane	-	-	-
BWPortletPane	**portletpane**	px (S) py (S) dx (S) dy (S) id (S) cls (S) radio (S)	-	-	-	-
BWProgress (BWCtrl)	**progress**	min (I) max (I) val (I) step (I) barstyle (E:Blocks/Continuous/Marquee)	-	setVal setMin setMax setMinMax setValues setBarStyle	-	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BWRadioButton (BWValCtrl)	**radiobutton**	textalign (E:top/middle/bottom + left/center/right) checkalign (E:left/right) group (S) checked (B)	-	check setGroup	checked	checked
BWRect (BWOpaqueDeco)	**rect**	-	-	-	-	-
BWProperty	**prop**	name (S) value (S)	-	-	-	-
BWRadioButton (BWValCtrl)	**radiobutton**	textalign (E:top/middle/bottom + left/center/right) checkalign (E:left/right) group (S) checked (B)	-	check setGroup	checked	checked
BWRect (BWOpaqueDeco)	**rect**	-	-	-	-	-
BWScorllbar (BWCtrl)	**scrollbar**	direction (E:horizontal/vertical) min (I) max (I) val (I)	-	setRange setValue	onScroll	val type endscroll tracking first last
BWSlider (BWCtrl)	**slider**	dir (E:horz/vert) min (I) max (I) val (I)	-	setRange setValue	scroll valuechanged pvaluechanged	val
BWStyle	**style**	id (S)	color backgroundcolor padding width font fontstyle fontsize fontfamily border borderleft	-	-	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
			borderright bordertop borderbottom			
BWSyntaxEditor (BWValCtrl)	syntaxeditor	syntax (E:xml/java/csharp/jscript/css/html) wrap (B) istart (I) iend (I) lines (B)	-	findReplaceAll selectAll selectFromTo setSyntax	-	-
BWToolbar (BWCtrl)	toolbar	rendermode (E:professional/system) gripstyle (E:visible/hidden)	tbbutton tbcbutton tbmbutton tblabel tbchoice tbentry tbseparator	removeIds addElements	-	-
BWToolbarButton (BWToolbarElement)	tbbutton	-	val img	-	-	-
BWToolbarCheckButton (BWToolbarButton)	tbcbutton	checked (B)	-	-	check uncheck checkchanged	-
BWToolbarChoice (BWToolbarElement)	tbchoice	-	items	-	selected	-
BWToolbarElement (BWElement)	-	-	events tooltip	setEnabled setText	click	-
BWToolbarEntry (BWToolbarElement)	tbentry	-	val	-	focuslost validate	-
BWToolbarLabel (BWToolbarElement)	tblabel	-	val	-	-	-
BWToolbarMenu (BWElement)	tbmenu	-	items events	-	selected	-
BWToolbarMenuButton (BWToolbarElement)	tbmbutton	-	tbmenu	-	-	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BWToolbarSeparator (BWToolbarElement)	**tbseparator**	-	-	-	-	-
BWTooltip	**-**	-	tth (S) ttb (S)	-	-	-
BWTree (BWCtrl)	**tree**	startidx (I) checkstyle (B) padding (I) seldix (I) selid (S)	-	clear removeItems setItemsChecked setItemsExpanded setItemsSelected setItemsImage setItemsStyle revealItems removeSubItems setSubItems addItems insertItems	selected deselected check checkrequest uncheck uncheckrequest expand collapse expanded collapsed nodeclicked nodedoubleclicked	pos val nid
BWValCtrl (BWBorderCtrl)	**-**	-	-	-	-	val

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BEvent	**bevent**	method (S) name (S) type (E:xmlrpc:/client:/tel:) category (E:none/laction/vcaction)	-	-	-	-
BStyle	**style**	id (S) select (tagname='class')	\<bw:font>family,size,style\</bw:font> \<bw:color>value\</bw:color> \<bw:backcolor>value\</bw:backcolor> \<bw:backbrush>value\</bw:backbrush>	-	-	-
BLayout	**layout**	aox, aoy, ayx, axy (I) eox, eoy, ecx, ecy (I) rel (E:xflow/yflow) asmode (E:width/height)	-	-	-	-
BView	**-**	id (S) tabindex (I)	layout llayout style	setContent	-	-
BControl (BView)	**-**	state (E:required/erroneous/disabled/initial)	bw:events/bw:bevent bw:content	addEvents setState	clicked	id
BCompound (BControl)	**compound**	-	browser button checkbox choice compound editor entry grid label mainform	-	-	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
			mlist picturebox searchentry segment sibs tabbar tabcontainer toolbar viewcontrol img line rect text tstyle			
BWebBrowser (BControl)	**browser**	secure (E:on/off) src (S)	-	setSrc	-	-
BButton (BControl)	**button**	-	-	-	-	-
BSwitch (BControl)	**bcheckbox**	-	-	setCheckState	-	-
BChoice (BControl)	**choice**	-	bw:content/bw:choicelist/bw:lbody/bw:li	selectItem	validate	id val pos nid
BEditor (BControl)	**editor**	-	-	-	-	-
BEntry (BControl)	**entry**	hint (S)	<bw:kbd type="" autocap="" autocorrect=""/> <bw:ovltext align="left">Name</bw:ovltext>	-	-	-
BGridView (BControl)	**grid**	-	bw:content/<bw:gi>	-	selected validate	id iid

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BLabel (BControl)	**label**	align (E:left/center/right)	-	-	-	-
BMainForm (BControl)	**mainform**	-	fgroup	selectItem setCheckState setState setGroupVisible setHint setContent insertElement removeElement setError	-	-
BList (BControl)	**mlist**	style (E:plain/grouped/small)	bw:mcontent/bw:mdata/mli	addItems updateItems clear	selected validate	id val pos
BMListItem	**mli**	-	mlil mlir mlit mlid mlia mlis mlip mlif mliu compound	-	-	-
BImage (BControl)	**picturebox**	-	<bw:img src="up.png" />	-	-	-
BSearchEntry (BControl)	**searchentry**	kbd (E:url) book (E:yes/no) hint (S)	-	-	validate	id val
BSegment (BControl)	**segment**	sel (I)	<bw:sbutton img="up.png" label="Prev"/>	-	itemclicked	id val idx

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BSibsContainer (BControl)	**sibs**	pageindicator (B)	sib	-	-	-
BSibView (BCompound)	**sib**	img (S) label (S)	-	-	-	-
BTabBar (BControl)	**tabbar**	-	<bw:ttbutton id="1" img="up.png" title="Next" />	-	validate	id
BTabContainer (BView)	**tabcontainer**	-	tab	setView	-	-
BTab (BCompound)	**tab**	id (S) img (S) title (S)	view	-	-	-
BToolBar (BControl)	**toolbar**	style (E:opaque/translucent)	tbbutton segment	setToolbarItems setItemsEnabled	validate	id
BBarButton	**tbbutton**	id (S) action (S) category (S) img (S) label (S) sys (E:done/cancel/edit/save/add/reply/search/stop/camera/space/fxspace)	_	-	-	-
BNavContainer (BControl)	**viewcontrol**	-	view	setView	-	-
BNavView (BCompound)	**view**	title (S) backlabel (S)	_	-	-	-
BCell (BCell)	**fgroup**	-	fheader fitems ffooter	-	-	-

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
BCell (BCell)	**fitems**	action	form fssel fmsel fpick flaunch fcmd fbool fint fstring fedit	-	-	-
BCell (BCell)	**form**	title (S)	fgroup	-	-	-
BBoolCell (BCell)	**fbool**	action	prompt content event	-	validate	id val sel checkstate
BCmdCell (BCell)	**fcmd**	style (E:regular/destructive/disabled)	prompt event	-	validate	id
BCell (BCell)	**fstring**	type (E:number/text/url) autocap (E:none/words/sentences/allchars) autocorrect (E:off/on) kbd (E:next/done) hint (S) secure (B) state (E:initial/required/erroneous/disabled/invisible/readonly)	prompt content event	-	validate closing	id val
BMultiEditCell (BCell)	**fedit**	height (I oder '*') autocap (E:none/words/sentences/allchars) autocorrect (E:off/on) kbd (E:next/done)	content event	-	validate closing	id val
BCell	**fssel**	action	prompt	-	validate	id

Element	Tag	Attrs	InnerTags	Commands	Events	EventArgs
(BCell)			content		closing	val pos sel aval
BPickerCell (BCell)	**fpick**	mode (E:date/time/datetime/span) format (S) action	view	-	validate closing	id val

Legende:

I   =   Integer
B   =   Boolean
S   =   String
E   =   Enumeration (Aufzählungstyp)

In der Spalte "Element" (erste Spalte) steht in Klammern die unmittelbare Basisklasse. Damit kann die Ableitungshierarchie der Controls verfolgt werden.