

Quartus Forth 2.0.0 Documentation Table of Palm OS 5 Events

Field names are as per Palm OS Reference documentation.

offset	menu	menuOpen	ctlEnter ctlExit	ctlSelect	ctlRepeat	popSelect	fldChanged fldEnter	fldHeightChanged	lstEnter lstExit	lstSelect	tblEnter tblExit tblSelect	frmTitleEnter frmTitleSelect attnIndicatorEnter attnIndicatorSelect	frmLoad frmOpen frmClose	frmUpdate	(system use only) frmObjectFocusTake frmObjectFocusLost	frmGoto
	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType
0	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown
1	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount
2	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX
3	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY
4	itemID	menuRscID	controlID				fieldID			listID	tableID	formID				
5		cause	controlP				pField			pList	pTable		updateCode	objectID	recordNum	
6														dispatchHint	matchPos	
7															matchLen	
8															matchFieldNum	
9																MatchCustom
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Legend:

...	16-bit event-type	Retrieve with event @
...	16-bit event-id	Retrieve with event-id
...	16-bit value	Retrieve with event <eventtype>.<fieldname> + @
...	32-bit absolute address	Retrieve with event <eventtype>.<fieldname> + 2@
...	32-bit handle	Retrieve with event <eventtype>.<fieldname> + 2@
...	32-bit value	Retrieve with event <eventtype>.<fieldname> + 2@
...	8-bit boolean flag	Retrieve with event <eventtype>.<fieldname> + c@
...	8-bit value (<i>tapCount</i>)	Retrieve with event EventType.tapCount + c@

List of Events:

eventName	8-byte event only, no extended data
eventName	Documented in the chart above
eventName	Not currently used
eventName	System-use only, not provided as built-in constants

0 nilEvent	17 fldChangedEvent	35 tsmConfirmEvent
1 penDownEvent	18 tblEnterEvent	36 tsmFepButtonEvent
2 penUpEvent	19 tblSelectEvent	37 tsmFepModeEvent
3 penMoveEvent	20 daySelectEvent	38 attnIndicatorEnterEvent
4 keyDownEvent	21 menuEvent	39 attnIndicatorSelectEvent
5 winEnterEvent	22 appStopEvent	(hex) 4000 keyUpEvent
6 winExitEvent	23 frmLoadEvent	(hex) 4001 keyHoldEvent
7 ctlEnterEvent	24 frmOpenEvent	(hex) 4002 frmObjectFocusTakeEvent
8 ctlExitEvent	25 frmGotoEvent	(hex) 4003 frmObjectFocusLostEvent
9 ctlSelectEvent	26 frmUpdateEvent	(hex) 4101 winDisplayChangedEvent(Palm OS 5.x only)
10 ctlRepeatEvent	27 frmSaveEvent	(hex) 0800 menuCmdBarOpenEvent
11 lstEnterEvent	28 frmCloseEvent	(hex) 0801 menuOpenEvent
12 lstSelectEvent	29 frmTitleEnterEvent	(hex) 0802 menuCloseEvent
13 lstExitEvent	30 frmTitleSelectEvent	(hex) 0803 frmGadgetEnterEvent
14 popSelectEvent	31 tblExitEvent	(hex) 0804 frmGadgetMiscEvent
15 fldEnterEvent	32 sclEnterEvent	(hex) 1000 firstNetLibEvent
16 fldHeightChangedEvent	33 sclExitEvent	(hex) 1100 firstWebLibEvent
	34 sclRepeatEvent	

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Field names are as per Palm OS Reference documentation.

offset	sclEnter	sclExit	sclRepeat	gadgetEnter	gadgetMisc	keyDownEventType	keyUpEventType	keyHoldEventType	tsmFepButtonType	tsmFepModeEventType	tsmConfirmType	penUpEventType	winEnterEventType	winExitEventType	daySelect	menuCmdBarOpen	(Palm OS 5.x only) winDisplayChanged
0	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType	eType
1	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown	penDown
2	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount	tapCount
3	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX	screenX
4	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY	screenY
5	scrollBarID		gadgetID		chr	buttonID	mode	yomiText	PointType stroke start	enterWindow	pSelector	preventFieldButtons	RectangleType newBounds				
6	pScrollBar		gadgetP		keyCode						reserved						
7					modifiers*			formID	PointType stroke end	exitWindow	selection						
8	value		selector								useThisDate						
9	newValue		dataP								reserved						
10	time																
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...	32-bit handle	Retrieve with event <eventtype>.<fieldname> + 2@
...	32-bit value	Retrieve with event <eventtype>.<fieldname> + 2@
...	8-bit boolean flag	Retrieve with event <eventtype>.<fieldname> + c@
...	8-bit value (tapCount)	Retrieve with event EventType.tapCount + c@

***key event modifiers:**

- (hex) 0001 shiftKeyMask
- (hex) 0002 capsLockMask
- (hex) 0004 numLockMask
- (hex) 0008 commandKeyMask
- (hex) 0010 optionKeyMask
- (hex) 0020 controlKeyMask
- (hex) 0040 autoRepeatKeyMask
- (hex) 0080 doubleTapKeyMask
- (hex) 0100 autoRepeatKeyMask
- (hex) 0200 appEvtHookKeyMask
- (hex) 0400 libEvtHookKeyMask

