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## Event

The **Event object** describes an event occurred typically from within a form or a form control, a dialog or a dialog control, or fired from elsewhere.

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### Functions returning an Event object

Parent object	Function	Type	Arguments	Description
<b>Application</b>	<b>Events</b>	<b>Collection</b>	the <i>event</i> object passed by OpenOffice/LibreOffice as argument of a document, form, subform or control event	<code>Application.Events(oEvent)</code> returns an <i>Event</i> object.

### Properties of an Event object

Property	Type	Description
EventType	String	See the <b>events handler</b> .
EventName	String	The following <i>EventNames</i> are usually available: <i>OnAlphaCharInput, OnClick, OnCloseApp, OnCopyTo, OnCopyToDone, OnCreate, OnError, OnFocus, OnInsertDone, OnInsertStart, OnLoad, OnLoadCancel, OnLoadDone, OnLoadError, OnLoadFinished, OnMailMerge, OnMailMergeFinished, OnModifyChanged, OnMouseOut, OnMouseOver, OnMove, OnNew, OnNewMail, OnNonAlphaCharInput, OnPageCountChange, OnPrepareUnload, OnPrepareViewClosing, OnPrint, OnResize, OnSave, OnSaveAs, OnSaveAsDone, OnSaveDone, OnSaveFinished, OnSelect, OnStartApp, OnSubComponentClosed, OnSubComponentOpened, OnTitleChanged, OnToggleFullscreen, OnUnfocus, OnUnload, OnViewClosed, OnViewCreated.</i>
ContextShortcut	String	The <b>shortcut notation</b> of the object (form, dialog or control) having triggered the event.
ButtonLeft ButtonRight ButtonMiddle	Boolean	Indicates if the mouse button has been pressed .
XPos YPos	Null or Long	Coordinates of the mouse cursor.
ClickCount	Long	Number of mouse clicks.
KeyCode	Integer	See the constants group <code>com.sun.star.awt.Key</code>

KeyChar	String	The pressed key.
KeyFunction	Integer	See the constants group <code>com.sun.star.awt.KeyFunction</code>
KeyAlt KeyCtrl KeyShift	Boolean	Key combined with Alt, Ctrl or Shift keys.
FocusChangeTemporary	Boolean	False if focus change due to a user action in same window.
<b>ObjectType</b>	String	Returns "EVENT"
RowChangeAction	Long	See the constants group <code>com.sun.star.sdb.RowChangeAction</code>
Recommendation	String	"IGNORE" if the event is recommended to be ignored. Valid only for the <i>Before record action</i> form event which is, for strange reasons, fired twice. The first time is recommended to be ignored.
Source	Object	Return the <b>Form</b> , <b>SubForm</b> , <b>Dialog</b> or <b>Control</b> object having fired the event
SubComponentName	String	The name of the component being <i>opened</i> or <i>closed</i> while executing a <i>Loaded a sub component</i> or <i>Closed a sub component</i> event. Such an event is set thru the <code>Tools + Customize ... + Events</code> menu command.
SubComponentType	Long	To be associated with the <i>SubComponentName</i> property. Returns one of next constants: <i>acTable</i> <i>acQuery</i> <i>acForm</i> <i>acReport</i>

## Methods

Method	Argument(s)	Return	Description
<b>getProperty</b>	property	Variant	Return the value of the given property.
<b>hasProperty</b>	property	Boolean	Return True if the Event has the given property.

## Remarks

- All properties are read-only.
- Their values are accessible with the usual syntax  
`oEvent.property`
- The symbolic constants can be included in your code by copying and pasting next lines:

```
Const acForm = 2
Const acQuery = 1
Const acReport = 3
Const acTable = 0
```

## See also

### Events Handler

#### Events

## Example

Assign next macro to the *TextModified* event of a combo box (other controls could require that the *Changed* event should be used for the same purpose).

When the user changes his/her selection in the combo box the content of the form is requiered and refreshed on the screen.

```
Sub SelectChanged(poEvent As Object)

REM Combo value has changed
REM => requery form
```

```
Dim oeEvent As Object, ocCombo As Object, sSQL As String, oForm As Object
    Set oeEvent = Events(poEvent)
    Set ocCombo = oeEvent.Source
    sSQL = "SELECT [PRODUCT CODE],[DENOMINATION],[SUPPLIER ID] FROM PRODUCTS WHERE " _
        & "[SUPPLIER ID]=' " & ocCombo.Value & "' "
    Set oForm = Forms("myComboForm")
    oForm.RecordSource = sSQL

End Sub
```

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