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## Control

A **Control object** describes one of the Controls of an open **form**, a **subform**, a **dialog**, a **gridcontrol** or an **options group**. Each control will be retrieved as a member of the **Controls collection** of its corresponding parent.

tags:  
Objects

NB: Subforms and gridcontrols are themselves controls and retrieved like other controls as a member of a collection.

### Functions returning a control object

Parent object	Function	Type	Arguments	Short example
Form SubForm Control OptionGroup Dialog	Controls	Collection	None Integer, Long String	Forms("myForm").Controls("myControl") Returns an object of type <b>Control</b> referring to the <b>myControl</b> control in the <b>myForm</b> form. <b>myForm</b> must be open.
	getObject		String	getObject("Forms!myForm!myControl") returns an object referring to the <b>myControl</b> control in the <b>myForm</b> form. <b>myForm</b> must be open.

### Control types

The distinct control types can be recognized thru the use either of the **SubType** (string) or the **ControlType** (integer) properties. The **ControlType** property is proposed in *Access2Base* for compatibility with MSAccess.

See the correspondence table below.

SubType	ControlType	Control type available in ...			
		Forms / SubForms	GridControls	Dialogs	Option Groups
CHECKBOX	5	X	X	X	
COMBOBOX	7	X	X	X	
COMMANDBUTTON	2	X		X	
CURRENCYFIELD	18	X	X	X	
DATEFIELD	15	X	X	X	
FILECONTROL	12	X		X	
FIXEDLINE	24			X	
FIXEDTEXT	10	X		X	
FORMATTEDFIELD	1	X	X	X	

<b>GRIDCONTROL</b>	11	X			
GROUPBOX	8	X		X	
HIDDENCONTROL	13	X			
IMAGEBUTTON	4	X			
IMAGECONTROL	14	X		X	
<b>LISTBOX</b>	6	X	X	X	
NAVIGATIONBAR	22	X			
NUMERICFIELD	17	X	X	X	
PATTERNFIELD	19	X	X	X	
PROGRESSBAR	23			X	
<b>RADIOBUTTON</b>	3	X		X	X
SCROLLBAR	20	X		X	
SPINBUTTON	21	X			
<b>SUBFORMCONTROL</b>	112	X			
TEXTFIELD	9	X	X	X	
TIMEFIELD	16	X	X	X	

## Properties

Property	Type	Read only	Description or UNO object
<b>Name</b>		Y	Specifies the exact name of the control
<b>BackColor</b> (*)			Specifies the color of the interior of a control.
<b>BorderColor</b> (*)			Specifies the color of a control's border.
<b>BorderStyle</b> (*)			Specifies how a control's border appears.
<b>Cancel</b> (*)			Specifies whether a command button is also the Cancel button on a form.
<b>Caption</b>			Specifies the label associated with a control. If the control is located within a GridControl, the Caption specifies the column heading.
<b>ControlSource</b>		Y	Specifies what data appears in a control.
<b>ControlTipText</b>			Specifies the text that appears in a ScreenTip when you hold the mouse pointer over a control.
<b>ControlType</b>		Y	Specifies the type of a control.
<b>Default</b> (*)			specifies whether a CommandButton is the default button on a form.
<b>DefaultValue</b>			Specifies a value that is automatically entered in a field when a new record is created.
<b>Enabled</b>			Specifies if the cursor can access the control.
<b>FontBold</b> <b>FontItalic</b> <b>FontName</b> <b>FontSize</b> <b>FontUnderline</b> <b>FontWeight</b> <b>ForeColor</b> (*)			Specify the font characteristics.
<b>Form</b> (*)		Y	Returns the <b>SubForm</b> object corresponding with the SubForm control.

<b>Format</b>			Returns the way numbers, dates, times, and text are displayed
<b>ItemData</b>		Y	Returns the data for the specified row in a combo box or list box.
<b>ListCount</b>		Y	Determines the number of rows in a <b>ListBox</b> or the list box portion of a <b>ComboBox</b> .
<b>ListIndex</b>			Determines which item is selected in a <b>ListBox</b> or a <b>ComboBox</b> .
<b>Locked</b>			Specifies whether you can edit data in a control.
<b>MultiSelect (*)</b>			Specifies whether a user can make multiple selections in a <b>ListBox</b> on a form.
<b>ObjectType</b>		Y	Returns "CONTROL"
<b>OptionValue (*)</b>		Y	Specifies the value that is stored in the database when a <b>RadioButton</b> is selected and the record saved.
<b>Parent</b>		Y	returns the parent object of the control.
<b>Required</b>			Specifies whether a control must contain a value when the record is edited.
<b>RowSource</b>			Specifies the source of the data in a <b>ListBox</b> or a <b>ComboBox</b> .
<b>RowSourceType</b>			Specifies the source (tablename, queryname or SQL statement) of the data in a <b>ListBox</b> or a <b>ComboBox</b> .
<b>Selected</b>			Specifies if an item in the data proposed by a <b>ListBox</b> is currently selected.
<b>SubType</b>		Y	Specifies the type of a control.
<b>TabIndex (*)</b>			Specifies a control's place in the tab order on a form.
<b>TabStop (*)</b>			Specifies whether you can use the TAB key to move the focus to a control.
<b>Tag</b>			Stores extra information about a control.
<b>Text</b>		Y	Sets or returns the text contained in a text box (or similar).
<b>TextAlign</b>			Specifies the alignment of the text in a control.
<b>TripleState</b>			Specifies how a <i>CheckBox</i> will display Null values.
<b>Value</b>			Specifies the value contained in a control.
<b>Visible (*)</b>			Specifies if a control is visible or hidden.
ControlModel	UNO	Y	com.sun.star.comp.forms.XXXModel
ControlView	UNO	Y	com.sun.star.comp.forms.XXXControl
BoundField	UNO	Y	com.sun.star.sdb.ODataColumn
LabelControl	UNO	Y	com.sun.star.form.component.FixedText com.sun.star.form.component.GroupBox

(\*) Not applicable to controls belonging to a **GridControl**.

## 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 Control has the given property.
<b>SetFocus</b>	none		Return True if focus set on Control successfully.
<b>setProperty</b>	property value		Return True if the given property could be set.

!!!Remarks

## Example

List all the controls of a form having the Visible property

```
Dim ofForm As Object, ocControl As Object, i As Integer, iCount As Integer
```

```
Set ofForm = Forms("myForm")
iCount = ofForm.Controls.Count
For i = 0 To iCount - 1
    Set ocControl = ofForm.Controls(i)
    If ocControl.HasProperty("Visible") Then Print ocControl.Name & ":" & ocControl.Visible
Next i
Print
```

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