

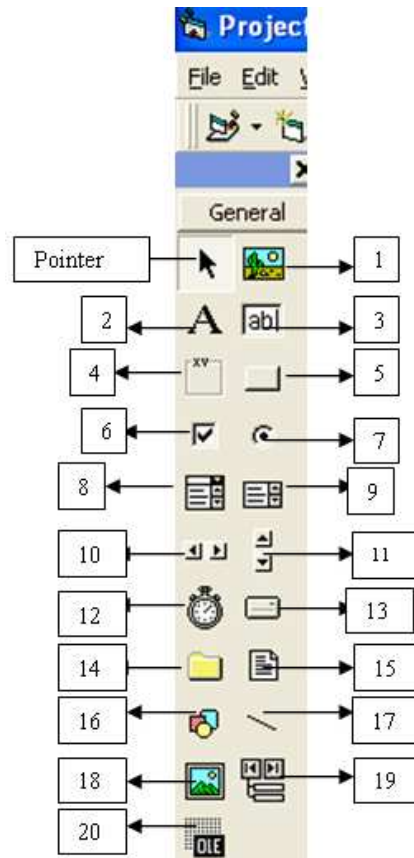
Chapter - 4

Visual Basic Revision Tour

Intrinsic Controls in Visual basic

The visual basic 6.0 provides some standard controls on its control box which are known as intrinsic control. These are built-in controls and are contained in Visual basic .EXE file. These are different from the extrinsic controls (ActiveX objects and Insertable objects) in the sense that they always reside in the control toolbox, while the others are required to be inserted through the components.

TOOL BOX



The following table is describing the basic controls, their functionality, naming conventions and some important properties and commonly used methods. The letters in *ITALICS* show the methods generally used with these properties.

Describing the intrinsic control

S.no	Control	Naming convention	Important properties	Functionality
1.	PictureBox	Pic	Borderstyle, picture, autosize <i>LoadPicture()</i>	Displays a graphic from a bitmap, icon or metafile.
2.	Label	Lbl	Alignment, wordwrap, autosize, borderstyle	Displays text that a user can't change directly.
3.	Textbox	Txt	Text, max length, multiline, scrollbar, password character, seltext, selstart	Displays information entered at design time by the user, or in code at run time.
4.	Frame	Fra	Visible, borderstyle, appearance	Provides an identifiable grouping for controls.
5.	Command Button	Cmd	Enabled, font, style, top visible.	Looks like a push button and is used to begin, interrupt, or end a process.

6.	Checkbox	Chk	Alignment, enabled, value	Displays an X when selected; the X disappears when the Checkbox is cleared.
7.	OptionButton	Opt	Alignment, enabled, value, style	Displays an option that can be turned on or off.
8.	ComboBox	Cbo	Appearance, borderstyle, visible.	Combines the features of a TextBox control and a ListBox control.
9.	List Box	Lst	Multiselect, sorted, style <i>AddItem(), RemoveItem(), Clear(), list()</i>	Displays a list of items from which the user can select one or more.
10.	HScrollbar	hsb	Min, max, Value, LargeChange, smallChange	Provides a horizontal scroll bar for easy navigation through long lists of items.
11.	VScrollbar	vsb	Min, max, Value, LargeChange, smallChange	Provides a vertical scroll bar.
12.	Timer	tmr	Enabled, interval, index <i>Timer()</i>	A control which can execute code at regular intervals by causing a Timer event.
13.	DriveListBox	drv	drive	Enables a user to select a valid disk drive at run time.
14.	DirListBox	dir	path	Displays directories and paths at run time.
15.	FileListBox	fil	Path, pattern	Locates and lists files in the directory specified by the Path property at run time.
16.	Shape	shp	<i>Only for decorative purpose on Form</i> Shape, bordercolor, fillcolor	A graphical control displayed as a rectangle, square, oval, circle or rounded rectangle or square.
17.	Line	lin	<i>Only for decorative purpose on Form</i> Shape, bordercolor, fillcolor, borderstyle, borderwidth	A graphical control displayed as a horizontal, vertical or diagonal line.
18.	Image	img	Appearance, borderstyle, picture, stretch <i>LoadPicture()</i>	Displays a graphic.
19.	Data	dat	DatabaseName, recordsource, Readonly, exclusive	Provides access to databases using a Recordset object.
20.	OLE	ole	Class, Sourcedoc, Sourceitem, OLETypeAllowed	Enables you to add insertable objects to the forms of your applications.

Name, Caption (or text in case of textbox), font, are common properties of all controls which are related to the controls basic properties.

How to use the properties within a particular control:

Syntax: Controlname.property=value

Ex:- txtcountry.text="India" here the txtcountry is a **text box** assigned a value of "India" to its property **text**.

How to use the properties within a particular control:

Syntax: Controlname.method(parameters)

Ex:- lstname.additem("my name") the method additem is here adding a new item in the listbox.

The codes using these properties and/or methods are generally written either within a function, procedure or an event-procedure while writing a VB 6.0 programs.

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