

PictureBox Control in VB.NET

PictureBox control allows user to display an image on the form. User can display image either design time or run time using Picture Box Control.

Properties of PictureBox Control in VB.NET

Image It is used to get or set an image to be display in the PictureBox.

ErrorImage It is used to get or set an Error Image that display when loading of Image specified in Image property is failed.

InitialImage It is used to get or set an initial Image that display when an Image specified in Image property is not loaded.

ImageLocation It is used to get or set path or url of image to be display in PictureBox Control.

SizeMode It is used to get or set the SizeMode. SizeMode determines how an image will display in PictureBox. It has five options:

Normal, Stretch Image, Auto Size, Center Image, Zoom

WaitOnLoad It is used to specify weather processing of an image is stop until it is loaded or not. It has Boolean value. Default value is False.

Enabled It is used to specify weather PictureBox Control is enabled or not at runtime. It has Boolean value. Default value is true.

Visible It is used to specify weather PictureBox Control is visible or not at runtime.

It has Boolean value. Default value is true.

Methods of PictureBox Control in VB.NET

Load It is used to display an image whose path or url is specified in ImageLocation Property of PictureBox.

LoadAsync It is used to load an image Asynchronously.

CancelAsync It is used to cancel Asynchronous loading of an image.

Events of PictureBox Control in VB.NET

Click It is the default event of PictureBox. It fires each time user clicks on PictureBox.

SizeModeChanged It fires each time a SizeMode property of the PictureBox is changed.

Example of PictureBox Control in VB.NET

Design an application that display selected image in a PictureBox control. Provide facility to stretch image.

Step 1: Design a form as shown below:

Step 2: Now set properties of various controls as given below:

Form1	Text	PictureBox Demo
PictureBox1	Name	PictureBox1
Button1	Name	cmdLoad
	Text	Select Image To Load
Button2	Name	cmdStretch
	Text	Stretch Image
OpenFileDialog1	Name	OpenFileDialog1
	Filter	Image *.jpg

Step 3: Double click on Select Image To Load button and write following code to display image in Picture Box.

If OpenFileDialog1.ShowDialog = Windows.Forms.DialogResult.OK Then

```
PictureBox1.Image = Image.FromFile (OpenFileDialog1.FileName)
```

```
End If
```

Step 4: Now Double click on Stretch Image Button and write following code to stretch image.

```
PictureBox1.SizeMode = PictureBoxSizeMode.StretchImage
```

Step 5: Now Double Click on PictureBox and write following code in **SizeModeChanged** event of PictureBox:

```
MsgBox ("Size Mode of the PictureBox is changed")
```