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# DEMO FOR USING csXImage IN Visual Basic.NET

## REQUIREMENTS

The trial version of csXImage (csXImageTrial.ocx) must be installed. This is available as a free download from [www.chestysoft.com/ximage/download.asp](http://www.chestysoft.com/ximage/download.asp)

Microsoft Visual Studio.NET is required. This demo is installed when the installer is run.

Alternatively, the file VBNETDemo.zip can be unzipped and extracted keeping the current directory structure.

## DESCRIPTION

This demo shows the loading and saving of image files and the application of various effects, e.g., brightness, cropping, changing colour depth.

## IMPORTANT POINTS

1. To open the project, start VB.NET and click on "Open Project". Select the solution file csXImageDemo\csXImageDemo.sln. Alternatively, the demo can be started from the Start Menu if the csXImageTrial installer has been run.
2. This version of the demo was created using VB Express 2010 and may not open correctly in earlier versions of VB or Visual Studio.
3. VB.NET cannot directly recognise indexed properties of ActiveX controls, such as the PixelColor property of csXImage. To use these properties, the property name must be prefixed by get\_ (to read the property) or by set\_ (to write the property). For example, get\_PixelColor is used in Sub AxImageBox1\_OnMouseMove to read the colour of the pixel under the cursor.
4. The data type OLE\_COLOR used by, for example, the PixelColor property, is equivalent to the data type System.Drawing.Color in VB.NET. See Sub AxImageBox1\_OnMouseMove.
5. In VB.NET, the OnMouseMove event is only triggered if the ImageBox control has the Focus. One effect of this is to prevent the crosshair cursor used by the MouseSelectRectangle and MouseSelectEllipse functions from automatically displaying when the mouse is moved over the control. This is solved by using the line:

```
AxImageBox1.Focus( )
```

to give focus to the control when needed. For an example of this, look in the Sub cmdCropApply\_Click.

## TROUBLESHOOTING

when using this demo project, check that you are using both the latest version of the demo and the latest version of csXImageTrial, both of which can be downloaded from the Chestysoft web site.

VB.NET may give errors when opening a project that was built with a different version (either earlier or later) of the ocx file to the one that is currently installed.

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