

## How to record screen video from given window in VB.NET using ByteScout Screen Capturing SDK

The tutorial below will demonstrate how to record screen video from given window in VB.NET

Source code documentation samples provide quick and easy way to add a required functionality into your application. ByteScout Screen Capturing SDK can record screen video from given window. It can be used from VB.NET. ByteScout Screen Capturing SDK is the screen video recording SDK helps in quick implementation of screen video recording. WMV, AVI, WebM output options are available with adjustable quality, video size, framerate and video and audio codec. Includes special features like live multiple blacking out of selected areas, recording from web cam as main source and as overlay, optional watermarks for output video.

Fast application programming interfaces of ByteScout Screen Capturing SDK for VB.NET plus the instruction and the code below will help you quickly learn how to record screen video from given window. In your VB.NET project or application you may simply copy & paste the code and then run your app! You can use these VB.NET sample examples in one or many applications.

ByteScout Screen Capturing SDK free trial version is available on our website. VB.NET and other programming languages are supported.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

## Module1.vb

```
Imports System.Threading
Imports System.Diagnostics

Imports ByteScoutScreenCapturingLib ' import bytescout screen capturer activex object

' NOTE: if you are getting error like "invalid image" related to loading the SDK's dll
' try to do the following:
' 1) remove the reference to the SDK by View - Solution Explorer
' then click on References, select Bytescout... reference name and right-click it and s
' 2) To re-add click on the menu: Project - Add Reference
' 3) In "Add Reference" dialog switch to "COM" tab and find Bytescout...
' 4) Select it and click "Add"
' 5) Recompile the application
' Note: if you need to run on both x64 and x86 then please make sure you have set "Embe

Module Module1

    Sub Main()
        ' create capturer class
        Dim capturer As New Capturer()
        ' set capturing area to the region type (to capture from given region on the s
        capturer.CapturingType = CaptureAreaType.catWindow

        ' output video filename
        capturer.OutputFileName = "CaptureGivenWindow.wmv" ' set output video filename

        ' set the window to capture from
        MsgBox("Please run Internet Explorer (this sample will capture video from IE) o

        ' set the title (or name) of the window to capture from
        capturer.WindowToCapture = "Internet Explorer"

        ' set width and height of output video
        capturer.OutputWidth = 640
        capturer.OutputHeight = 480

        ' // WMV and WEBM output use WMVVideoBitrate property to control output video b
        ' // so try to increase it by x2 or x3 times if you think the output video are
        ' capturer.WMVVideoBitrate = capturer.WMVVideoBitrate * 2

        ' set border style
        capturer.CaptureAreaBorderType = CaptureAreaBorderType.cabtDashed

        ' uncomment to set Bytescout Lossless Video format output video compression me
        ' do not forget to set file to .avi format if you use Video Codec Name
        ' capturer.CurrentVideoCodecName = "Bytescout Lossless"

        ' uncomment to enable recording of semitransparent or layered windows (Warning
        ' capturer.CaptureTransparentControls = true
```

```

' start capturing
capturer.Run()

'// IMPORTANT: if you want to check for some code if need to stop the recording
'// using Thread.Sleep(1) inside the checking loop, so you have the loop like
'// Do {
'// Thread.Sleep(1)
'// }
'// While(StopButtonNotClicked);

Console.WriteLine("Capturing entire screen for 20 seconds...")

' wait for 20 seconds
Thread.Sleep(20000)

' stop capturing and flush WMV or AVI video file into the disk
capturer.Stop()

' Release(Resources)
System.Runtime.InteropServices.Marshal.ReleaseComObject(capturer)
capturer = Nothing

Console.WriteLine("Done")

' open the output video
Process.Start("CaptureGivenWindow.wmv")

End Sub

End Module

```

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## VIDEO

<https://www.youtube.com/watch?v=fujkvtWUVCw>

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