

How to record screen video from entire screen in VB.NET and ByteScout Screen Capturing SDK

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

The documentation is designed to help you to implement the features on your side. ByteScout Screen Capturing SDK is the SDK for developers for quick implementation of screen video recording. The SDK records screen into video or into a series of screenshots. Can also record audio. Saves video into AVI, WMV and Google's WebM. Output video quality, size, resolution or framerate can be adjusted easily. Provides additional tools for privacy features like blacking out on screen areas with sensitive information on screen right during recording. Supports web camera as input and can add instant text and images into video output and you can use it to record screen video from entire screen with VB.NET.

You will save a lot of time on writing and testing code as you may just take the VB.NET code from ByteScout Screen Capturing SDK for record screen video from entire screen below and use it in your application. This VB.NET sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Further enhancement of the code will make it more vigorous.

Download free trial version of ByteScout Screen Capturing SDK from our website with this and other source code samples for VB.NET.

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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 :
' 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 "Embed"

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 screen)
        capturer.CapturingType = CaptureAreaType.catScreen
        ' output video filename
        capturer.OutputFileName = "EntireScreenCaptured.wmv" ' set output video filename

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

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

        ' uncomment to set Bytescout Lossless Video format output video compression method
        ' 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: it may be slow)
        ' 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)
    End Sub
```

```

'// }
'// While(StopButtonNotClicked);

'// 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 25 seconds...")

' wait for 25 seconds
Thread.Sleep(25000)

' stop capturing and flush 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("EntireScreenCaptured.wmv")

End Sub

End Module

```

VIDEO

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

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