



Using ClearImage in VBScript

Code Example

The following example demonstrates typical use of ClearImage. It reads **1D** barcodes from an image file.

```
ReadBarcode "image1.tif"
Private Sub ReadBarcode(sImage)
    'Create CiServer object:
    Dim Ci
    Set Ci = CreateObject("ClearImage.ClearImage")
    ' Create barcode reading object
    Dim Bc
    Set Bc = Ci.CreateBarcodePro
    Bc.Image.Open sImage, 1
    ' For 1D barcodes: enable reading most popular 1D barcodes
    ' Alternatively set Bc.Type property for specific types
    Bc.AutoDetect1D = -1
    ' Read Barcodes
    Bc.Find
    ' Process results:
    Dim Barcode
    For Each Barcode In Bc.Barcodes
        ' Do something with Barcode. For example:
        MsgBox Barcode.Text
    Next
    ' Cleanup
    Bc.Image.Close
    Set Bc = Nothing
    Set Ci = Nothing
End Sub
```

To read **2D** barcodes:

- Replace **CreateBarcodePro** with **CreateQR** or **CreateDataMatrix** or **CreatePdf417**
- Remove **Bc.AutoDetect1D = -1** line

Overflow bug in Windows Server 2003

Microsoft has reported that Windows Server 2003 ASP suffers a severe bug described in: <http://support.microsoft.com/kb/955536>. Resolving the issue requires two steps.

If you are using the ClearImage engines under ASP on Windows Server 2003:

1. Install Windows Server 2003 SP1 or SP2

<http://www.microsoft.com/downloads/details.aspx?FamilyId=95AC1610-C232-4644-B828-C55EEC605D55&displaylang=en>

2. Apply the following Hotfix:

<http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnm=955536&kbln=en-us#step1>

64-bit Windows considerations

Unless explicitly instructed otherwise, the VBS processor in 64-bit Windows attempts to use 64-bit COM objects. Inlite's ClearImage is a 32-bit COM object. Using ClearImage in VBScript on a 64-bit Windows operating system may therefore generate a "Library not registered" error.

To resolve this issue, Windows must be instructed to use the 32 bit versions. Execute the following actions (refer to <http://support.microsoft.com/kb/949140>, see the last section labeled "You are running a 64-bit version of the Windows operating system, and you receive the error message that is mentioned in the "Symptoms" section while you are using the 32-bit scripting components")

1. Click **Start**, click **Run**, type **cmd**, and then click **OK**.
2. Type **%systemroot%\syswow64\regsvr32
%systemroot%\syswow64\vbscript.dll**, and then press **ENTER**.
3. Type **%systemroot%\syswow64\regsvr32
%systemroot%\syswow64\jscript.dll**, and then press **ENTER**.
4. Type **%systemroot%\syswow64\regsvr32
%systemroot%\syswow64\dispex.dll**, and then press **ENTER**.
5. Type **%systemroot%\syswow64\regsvr32
%systemroot%\syswow64\scrobj.dll**, and then press **ENTER**.
6. Type **%systemroot%\syswow64\regsvr32
%systemroot%\syswow64\scrrun.dll**, and then press **ENTER**.
7. Type **%systemroot%\syswow64\regsvr32
%systemroot%\syswow64\wshext.dll**, and then press **ENTER**.
8. Type **%systemroot%\syswow64\regsvr32
%systemroot%\syswow64\wshom.ocx**, and then press **ENTER**.

An alternative is to explicitly invoke 32-bit scripting engine with a script as a parameter:

```
%systemroot%\syswow64\wscript SomeScript.vbs
```

Contact support@inlitresearch.com if there are any unresolved questions.