

PlaceholderExample.aspx

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1 <%@ Page Language="VB" AutoEventWireup="false" CodeFile="PlaceholderExample.aspx.vb"  
  Inherits="ReportWriterExamples_PlaceHolderExample" %>  
2
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```
1 Imports System.Collections.Generic
2 Imports ceTe.DynamicPDF
3 Imports ceTe.DynamicPDF.LayoutEngine.LayoutElements
4 Imports ceTe.DynamicPDF.LayoutEngine
5 Imports ceTe.DynamicPDF.PageElements
6 Imports ceTe.DynamicPDF.PageElements.BarCoding
7
8
9 Partial Public Class ReportWriterExamples_PlaceHolderExample
10     Inherits System.Web.UI.Page
11
12     Protected Sub Page_Load(sender As Object, e As System.EventArgs) Handles Me.Load
13
14         'Create the document's layout from a DLEX template
15         Dim documentLayout As DocumentLayout = New DocumentLayout(Server.MapPath("Placeholder.dlex"))
16
17         'Retrieve the placeholder for the dynamic image and attach an event to it
18         Dim barcode As Placeholder = CType(documentLayout.GetLayoutElementById("Barcode"), Placeholder)
19         AddHandler barcode.LaidOut, AddressOf barcode_LaidOut
20
21         'Specify the Data to use when laying out the document
22         Dim layoutData As NameValueLayoutData = New NameValueLayoutData()
23         layoutData.Add("HeaderData", "Popular Websites")
24         layoutData.Add("Websites", PlaceholderExampleData.Websites)
25
26         'Layout the PDF document
27         Dim document As Document = documentLayout.Layout(layoutData)
28         document.Author = "ceTe Software"
29         document.Title = "Placeholder Example"
30
31         'Outputs the document to a file
32         document.DrawToWeb("ReportWriter_PlaceHolderExample.pdf")
33     End Sub
34
35     Private Shared Sub barcode_LaidOut(ByVal sender As Object, ByVal e As PlaceholderLaidOutEventArgs)
36         'Retrieve the image bytes from the layout data for the current record
37         Dim url As String = e.LayoutWriter.Data("Url").ToString()
38
39         ' Create a barcode page element from the data and set its properties
40         Dim qrCode As QrCode = New QrCode(url, 0, 0, 2)
41
42         ' Add the image to the placeholder's content area
```

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43     e.ContentArea.Add(qrCode)
44     e.ContentArea.Add(New Link(0, 0, qrCode.GetSymbolWidth(), qrCode.GetSymbolHeight(), New UrlAction(url)))
45 End Sub
46
47 Public Class PlaceholderExampleData
48     Public Class Website
49         Public Property Name As String
50         Public Property Description As String
51         Public Property Url As String
52     End Class
53
54     Private Shared websites_1 As List(Of Website) = New List(Of Website)() From {
55         New Website With {.Name = "DynamicPDF", .Description = "Founded in 2002, DynamicPDF is a leader in PDF SDKs and
libraries.", .Url = "https://www.dynamicpdf.com"},
56         New Website With {.Name = "Facebook", .Description = "Founded in 2004, Facebook is a popular social networking
website.", .Url = "https://www.facebook.com"},
57         New Website With {.Name = "Google", .Description = "Founded in 1997, Google is a popular search engine.", .Url =
"https://www.google.com"},
58         New Website With {.Name = "Twitter", .Description = "Founded in 2006, Twitter is a popular news and social media
website.", .Url = "https://twitter.com"}
59     }
60
61     Public Shared ReadOnly Property Websites As List(Of Website)
62     Get
63         Return websites_1
64     End Get
65 End Property
66 End Class
67 End Class
68
```