MW6 LogoQRCode .NET Library

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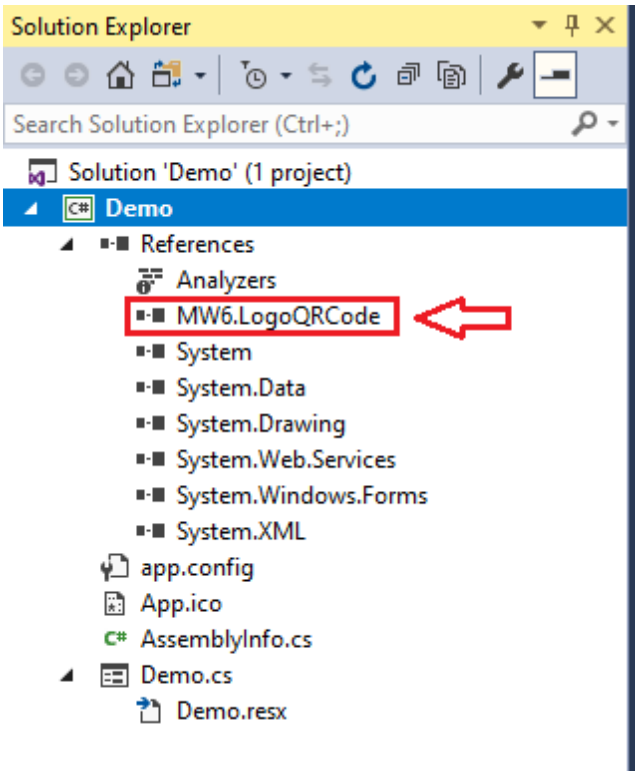
1 Introduction

QRCodeLogo .NET library makes creating QRCode with logo a breeze, the library is highly configurable backed by the parameters including logo image, logo size, background color, barcode color, eye option, pattern option, gradient option (linear and radial), and start color & end color for gradient rendering.

2 How to Use It

(1) Simply add MW6.LogoQRCode.dll into references for your NET project.



(2) Add 2 lines of code in red into your .NET project, take a look at the demo project on how to instantiate an object and configure its properties.

```
using System;
using System.Drawing;
using System.Collections;
using System.ComponentModel;
using System.Windows.Forms;
using System.Data;
using System.Drawing.Imaging;
using System.IO;
using MW6.LogoQRCode;

namespace Demo
{
    /// <summary>
    /// Summary description for Form1.
    /// </summary>
    2 references
    public class frmDemo : System.Windows.Forms.Form
    {
        internal System.Windows.Forms.Button btnExit;
        private System.Windows.Forms.GroupBox groupBox1;
        internal System.Windows.Forms.TextBox txtData;
        internal System.Windows.Forms.Label lblData;
        private QRCode QRNetLib;
        private System.Windows.Forms.Button btnGenQRCode;
```

3 Reference Guide

3.1 Properties

3.1.1 BackColor

Gets or sets the background color of QRCode.

[Visual Basic .NET]

```
Public Property BackColor As Color
```

[C#]

```
public Color BackColor {get; set;}
```

Remarks

The default value is white color.

3.1.2 BarColor

Gets or sets the color of QRCode if the gradient property is set to gNone.

[Visual Basic .NET]

```
Public Property BarColor As Color
```

[C#]

```
public Color BarColor {get; set;}
```

Remarks

The default value is black color.

3.1.3 Data

Gets or sets the data to encode with QRCode.

[Visual Basic .NET]

```
Public Property Data As String
```

[C#]

```
public string Data {get; set;}
```

Remarks

The default value is "https://www.mw6tech.com".

3.1.4 DotsOption

Gets or sets the dots option for QRCode.

[Visual Basic .NET]

```
Public Property DotsOption As Integer
```

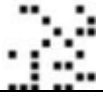
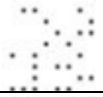
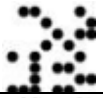
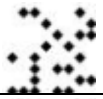
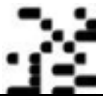
[C#]

```
public int DotsOption {get; set;}
```

Remarks

The default value is 1, and the valid value should be between 1 and 7.

Value	Sample
1	

2	
3	
4	
5	
6	
7	

3.1.5 EndColor

Gets or sets the end color of gradient for QRCode if the gradient property is not set to gNone.

[Visual Basic .NET]

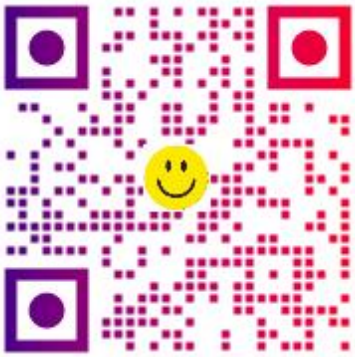
```
Public Property EndColor As Color
```

[C#]

```
public Color EndColor {get; set;}
```

Remarks

The default value is red color.



3.1.6 GradientOption

Gets or sets the gradient option for QRCode.

[Visual Basic .NET]

```
Public Property GradientOption As enumGradient
```

```
[C#]
public enumGradient GradientOption {get; set;}
```

Remarks

The default value is gNone.

3.1.7 Logo

Gets or sets the logo image rendered in the center of QRCode.

```
[Visual Basic .NET]
Public Property Logo As Image
```

```
[C#]
public Image Logo {get; set;}
```

Remarks

The default value is null.

3.1.8 LogoSize

Gets or sets the size of logo image rendered in the center of QRCode.

```
[Visual Basic .NET]
Public Property LogoSize As enumLogoSize
```

```
[C#]
public enumLogoSize LogoSize {get; set;}
```

Remarks

The default value is lsSmall.

3.1.9 MarkerOption

Gets or sets the marker option for QRCode.

```
[Visual Basic .NET]
Public Property MarkerOption As Integer
```

```
[C#]
public int MarkerOption {get; set;}
```

Remarks

The default value is 1, and the valid value should be between 1 and 17.

Value	Sample
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	

17	

3.1.10 StartColor

Gets or sets the start color of gradient for QRCode if the gradient property is not set to gNone.

```
[Visual Basic .NET]
Public Property StartColor As Color
```

```
[C#]
public Color StartColor {get; set;}
```

Remarks

The default value is blue color.

3.2 Methods

3.2.1 GetValidDays

Gets the number of remaining days before the library expires.

```
[Visual Basic .NET]
Public Function GetValidDays() As Integer
```

```
[C#]
public int GetValidDays();
```

Remarks:

For the trial version, the return value is always -1. For the retail version, please obtain the renewed library from us before the remaining days become 0.

The trial version never expires, both "D" (Demo) and logo image (if applicable) are rendered in the center

of QRCode.

3.2.2 SaveAsMemory

Exports QRCode image's byte stream to the memory.

```
[Visual Basic .NET]
Public Sub SaveAsMemory(ByVal MS As MemoryStream, ByVal ImgFormat As ImageFormat)
```

```
[C#]
public void SaveAsMemory(MemoryStream MS, ImageFormat ImgFormat);
```

Parameters

MS

Specifies the memory stream that holds the byte stream of QRCode image.

ImgFormat

Specifies the image format.

Remarks

Before you call this method, use SetSize() method to define QRCode image size.

3.2.3 SetSize

Sets the size of the image containing QRCode barcode.

```
[Visual Basic .NET]
Public Sub SetSize(ByVal Width As Integer, ByVal Height As Integer)
```

```
[C#]
public void SetSize(int Width, int Height);
```

Parameters

Width

The width, in pixels, of the image.

Height

The height, in pixels, of the image.

Remarks

Both Width and Height should be greater than or equal to 50.

3.3 Enumerations

3.3.1 LogoSize Enumeration

An enumeration type for all possible logo sizes.

Members

Name	Comment
lsExtraSmall	Extra Small
lsSmall	Small
lsMedium	Medium
lsLarge	Large
lsExtraLarge	Extra Large

3.3.2 Gradient Enumeration

An enumeration type for all possible gradient options.

Members

Name	Comment
gNone	No gradient
gLeftToRight	From left to right
gTopToBottom	From top to bottom
gTopLeftToBottomRight	From top left to bottom right
gBottomLeftToTopRight	From bottom left to top right
gRadial	Radial