

vbQRCode: QRCode for Visual Basic



vbQRCode is a library for Basic language (Visual Basic 6.0/.NET/20xx) that can be used to create and encode QRCode, without using third parts software, external DLL or ActiveX (OCX).

Features

- **BIN, ALPHA, NUMERIC** encoding. QR Code symbols can encode the following amount of data (for maximum symbol size - Version 40, error correction level L):
 - **NUMERIC**: 7,089 characters (*digit 0-9*)
 - **ALPHA**: 4,296 characters (*digits 0-9; upper case letters A-Z and nine other characters: space,\$%*+-.:/*)
 - **BIN** 8-bit byte data: 2,953 characters (*bytes 0-255*)
- **Versions 1 to 40**. The version is the size of the symbol. Version 1 is a 21×21 matrix and version 40 is a 177×177 matrix.
- **MicroQRCode from M1 to M4**.
- Error correction levels **L** (7%), **H** (15%), **M** (20%) and **Q** (30%).
- Models for: **free text, sms, email, vCard contacs, URL, ...**
- Direct export to **BMP, EPS, SVG, HTML, WMF** format
- Add **logo** to QRCode

Download

- [vbQRCode](#) (demo)

How to get the source code

The source code of **vbQRCode** class will be get only after a contribute of **30 euros**.

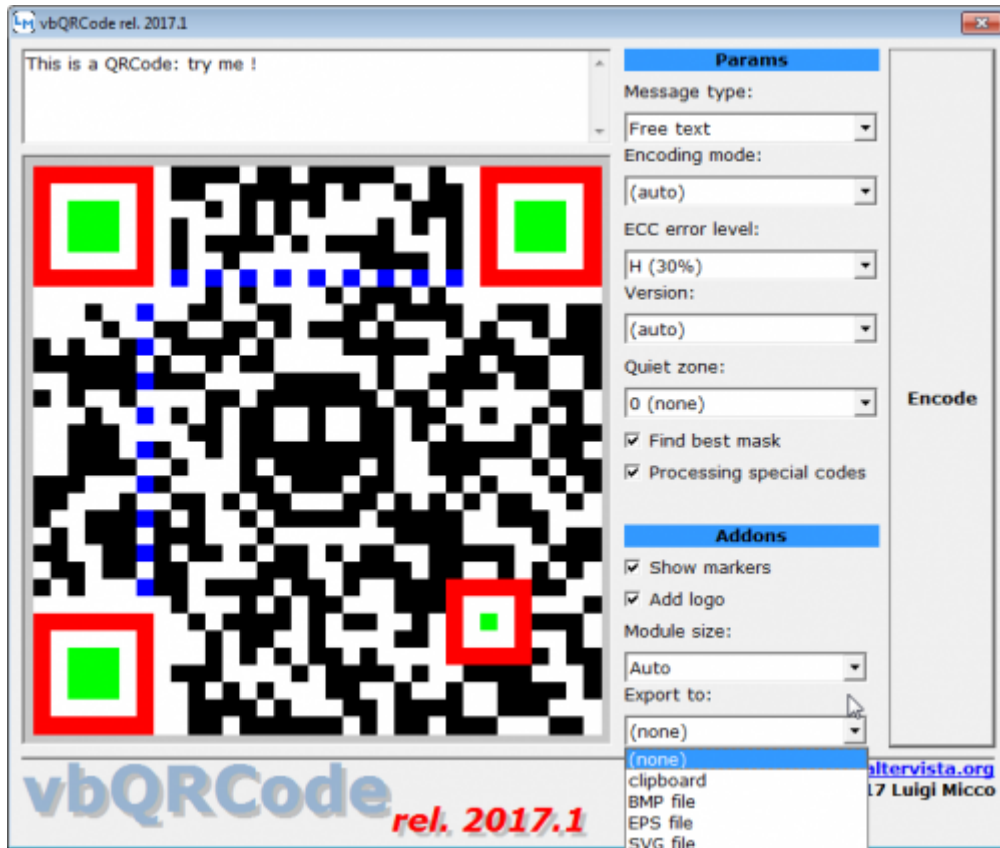
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Screenshot

Some screenshots:



Sample source code

topicturebox.bas

```
' Visual Basic 6.0
Set vbQRObj = New vbQRCode

vbQRObj.Encode("text to encode")
Matrix() = vbQRObj.Matrix()

iScale = 5
For y = 0 To vbQRObj.Size - 1
  For x = 0 To vbQRObj.Size - 1
    If Matrix(y,x) = 1 Then
      picCode.Line (x * iScale, y * iScale)- Step(iScale, iScale),
vbBlack, BF
    End If
  Next
Next
```

Next

addlogo.bas

```
' Visual Basic 6.0
Set vbQRObj = New vbQRCode

Dim logo(10) As String
logo(0) = " 00000  "
logo(1) = " 0111110  "
logo(2) = " 011111110  "
logo(3) = "01100100110"
logo(4) = "01100100110"
logo(5) = "01111111110"
logo(6) = "01011111010"
logo(7) = "01101110110"
logo(8) = " 011000110  "
logo(9) = " 0111110  "
logo(10) = " 00000  "
Call vbQRObj.AddLogo(logo)

vbQRObj.Encode("text to encode")

' ...
```

tofile.bas

```
' Visual Basic 6.0
Set vbQRObj = New vbQRCode

vbQRObj.Encode("text to encode")

iScale = 5

' Save to EPS format file
fb = FreeFile
Open "qrcode.eps" For Output As #fb
Print #fb, vbQRObj.GetEPS(iScale)
Close #fb

' Save to SVG format file
fb = FreeFile
Open "qrcode.svg" For Output As #fb
Print #fb, vbQRObj.GetSVG(iScale)
Close #fb
End If

' Save to HTML format file
fb = FreeFile
```

```
Open "qrcode.html" For Output As #fb
Print #fb, vbQRObj.GetHTML(iScale)
Close #fb

'' Save to BMP format file
fb = FreeFile
Open "qrcode.bmp" For Output As #fb
Print #fb, vbQRObj.GetBMP(iScale)
Close #fb

'' Save to WMF format file
fb = FreeFile
Open "qrcode.wmf" For Output As #fb
Print #fb, vbQRObj.GetWMF(iScale)
Close #fb
```

From:

<http://luigimicco.altervista.org/> - **Luigi Micco homepage**

Permanent link:

<http://luigimicco.altervista.org/doku.php/en/vbqrcode>



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