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# 1 Introduction

MW6 QRCode ActiveX is a powerful ATL-based control for handling QRCode 2D barcode and can be used in any ActiveX-compliant environment such as Word, Access, Excel, VB.NET, C#.NET, Visual Basic, Visual C++, Visual FoxPro, Delphi or C++ Builder.

QRCode is designed to pack a lot of information in a very small space, our QRCode ActiveX control supports Model 2, it is capable of encoding up to 2953 bytes, 4296 alphanumeric characters, or 7089 numeric digits.

## 2 Installation

### 2.1 Trial Version

1. UnZip MW6QRCode.ZIP, run the setup.exe to install QRCode ActiveX.
2. The trial version QRCode ActiveX appends "MW6 Demo" to the string encoded with QRCode barcode.
3. If you want to use QRCode ActiveX in 64-bit version Office Word, Excel or Access, go to the installation sub folder (e.g., "*C:\Program Files (x86)\MW6 ActiveX Components\QRCode\64BitDLL*") to grab trial version 64-bit version **MW6QRCode\_x64.dll** and go to "**How to Distribute It**" section to find out how to get it registered.

### 2.2 Full Version

1. Uninstall the trial version QRCode ActiveX if applicable.
2. UnZip full version QRCode ActiveX .zip file and run the setup.exe to install the full version QRCode ActiveX.
3. If you want to use QRCode ActiveX in 64-bit version Office Word, Excel or Access, go to the installation sub folder (e.g., "*C:\Program Files (x86)\MW6 ActiveX Components\QRCode\64BitDLL*") to grab full version 64-bit version **MW6QRCode\_x64.dll** and go to "**How to Distribute It**" section to find out how to get it registered.

## 3 How to Distribute It

If you want to redistribute the QRCode ActiveX as part of your application, please follow the instructions below:

- 1) For 32-bit version Windows OS, put **MW6QRCode.dll** into the windows 32-bit system folder (e.g. "*c:\windows\system32*" or "*c:\winnt\system32*") on the target machine and run "*regsvr32 MW6QRCode.dll*" to register it.
- 2) For 64-bit version Windows OS, put **MW6QRCode.dll** into the SysWOW64 folder (e.g. "*c:\windows\SysWOW64*") on the target machine, and run the following commands to register it:
  - *cd c:\windows\SysWOW64*
  - *regsvr32 MW6QRCode.dll*

- 3) If you want to use QRCode ActiveX in 64-bit version Office Word, Excel or Access, put 64-bit version **MW6QRCode\_x64.dll** into "c:\windows\system32" folder, and run the following commands to register it:
- cd c:\windows\system32
  - regsvr32 MW6QRCode\_x64.dll
- 4) For Windows Vista or above, you need to use an elevated Command Prompt to run *regsvr32.exe* command, click "**Start**" > "**All Programs**" > "**Accessories**", right-click "**Command Prompt**", and then click "**Run as administrator**".

## 4 Word Demo

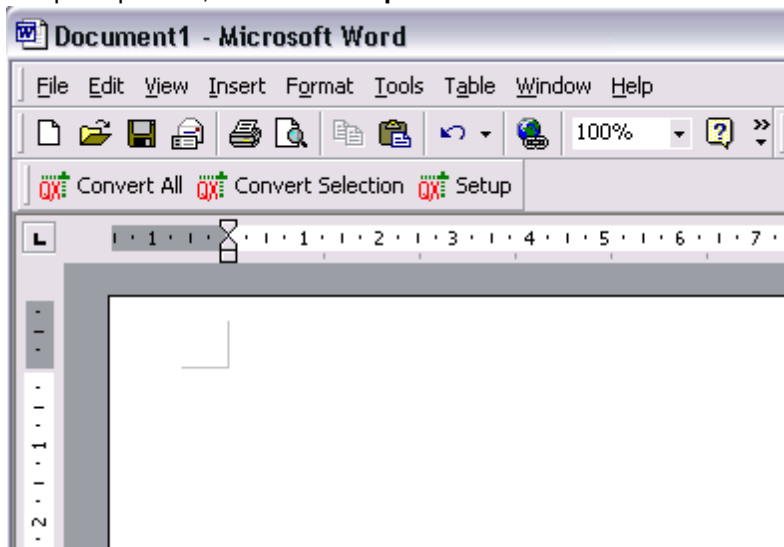
### 4.1 Install Template File

1. Locate the Word Startup folder, the Startup folder can be found in the following locations:

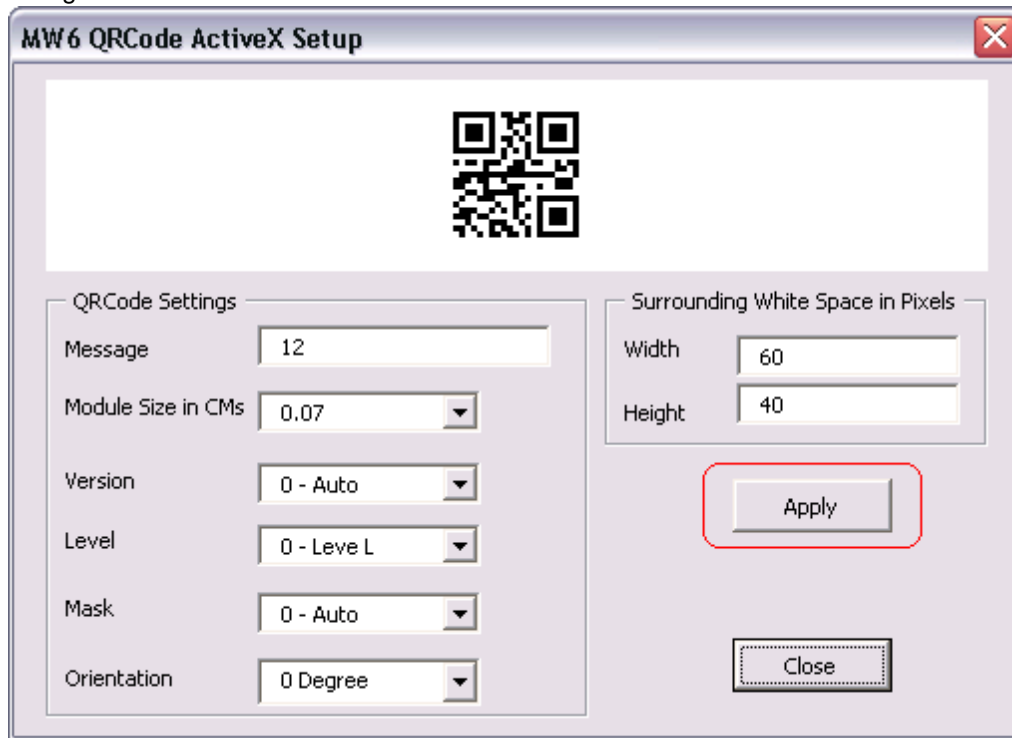
| OS                      | Location  |
|-------------------------|---|
| Windows Vista and above | "C:\Users\<user name>\AppData\Roaming\Microsoft\Word\Startup"   |
| Windows 2000/XP         | "C:\Documents and Settings\<user name>\Application Data\Microsoft\Word\Startup"   |
| Windows NT4             | "C:\Winnt\Profiles\<user name>\Application Data\Microsoft\Word\Startup"   |
| Windows 95, 98, ME      | Office XP:<br>"C:\Program Files\Microsoft Office\Office10\Startup"<br><br>Office 2000/97:<br>"C:\Program Files\Microsoft Office\Office\Startup" |

2. Copy MW6\_QRCode\_ActiveX.dot, which usually is in the folder "c:\Program Files\MW6 ActiveX Components\QRCode", to the Word Startup folder.

3. Open up Word, click on "**Setup**".

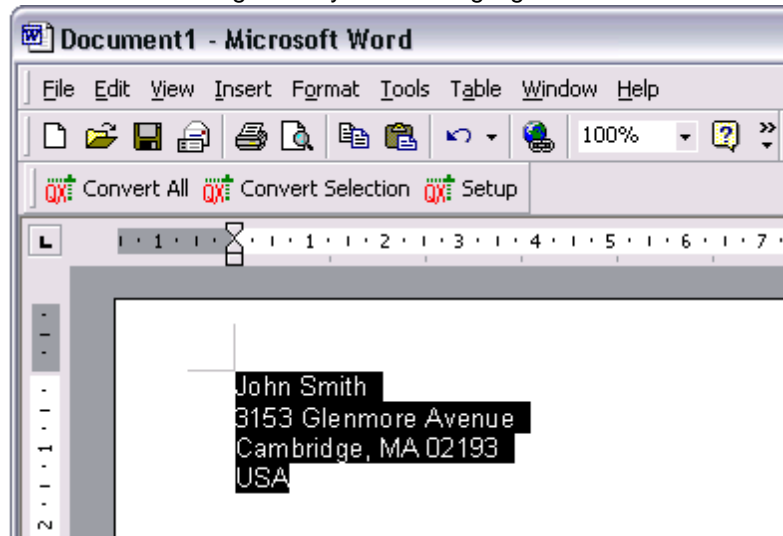


4. Choose a few appropriate values for QRCode configurations, click on "**Apply**" button to allow the changes to take effect.

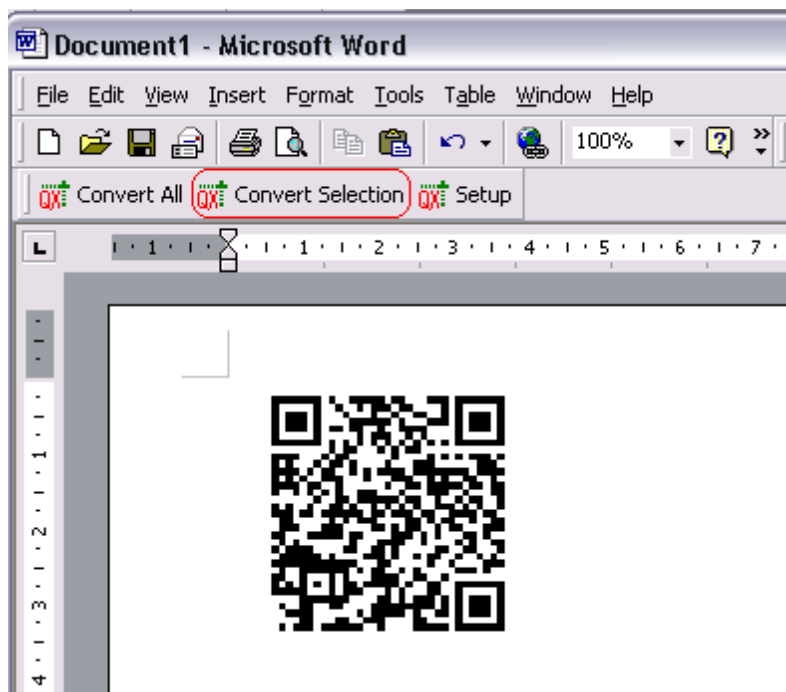


## 4.2 Create Single Barcode

1. Enter a few strings line by line and highlight them.

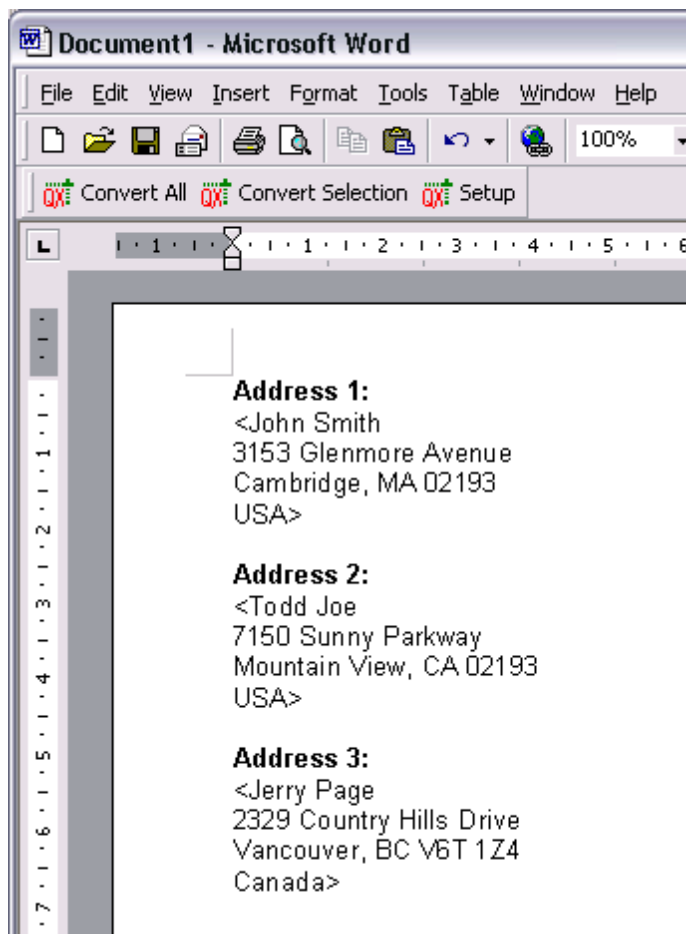


2. Click on "**Convert Selection**" to create a QRCode barcode.

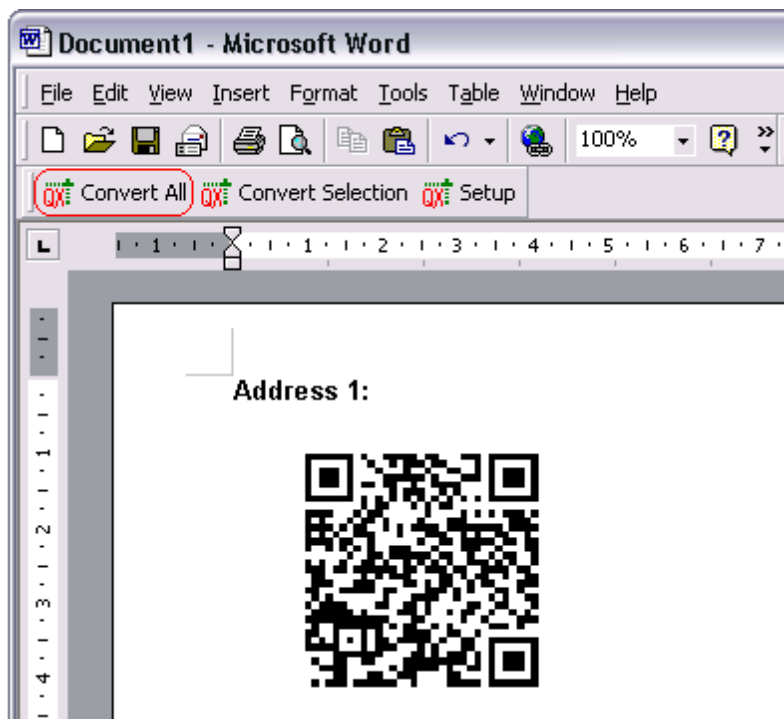


### 4.3 Create Multiple Barcodes

1. Enter a few paragraphs, surround those paragraphs which will be converted to QRCode barcodes with the "<" and ">" characters.

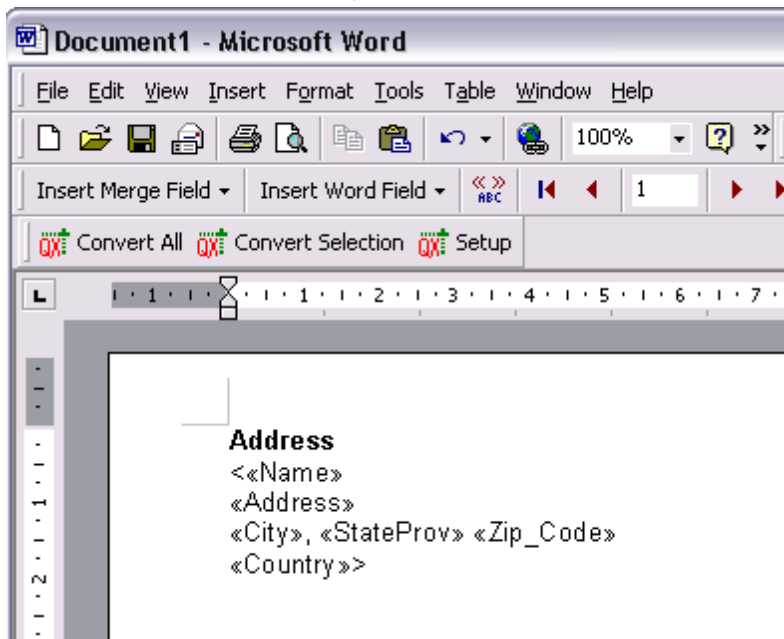


2. Click on "**Convert All**" to create QRCode barcodes for the paragraphs surrounded with the "<" and ">" characters.



## 4.4 Mail Merge

1. In Mail Merge, choose MW6\_QRCode\_ActiveX.mdb as the data source, surround the paragraphs which will be converted to QRCode barcode with the "<" and ">" characters.

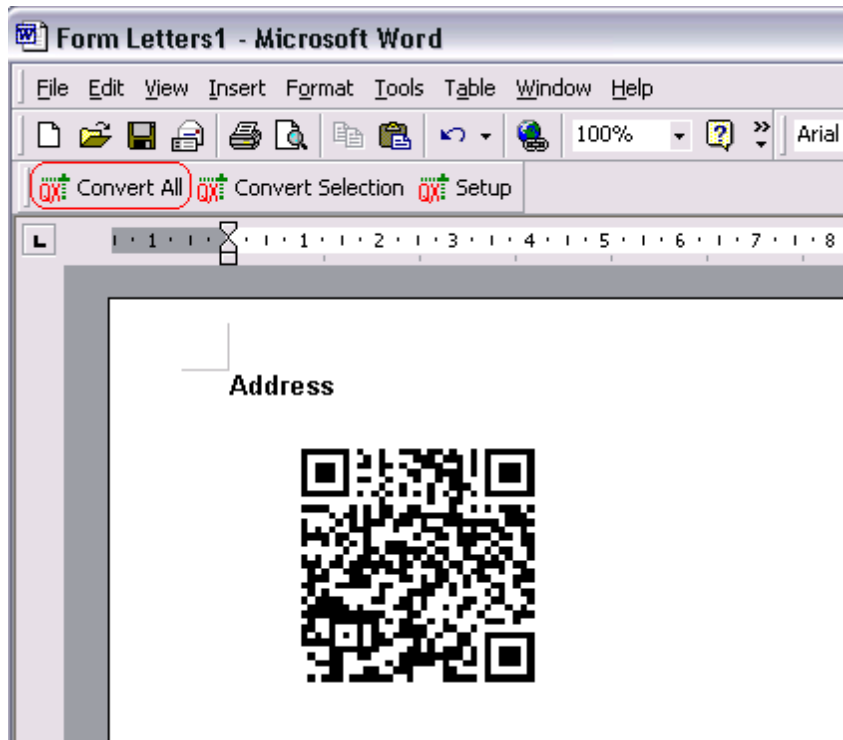


2. Click on "Merge ..."





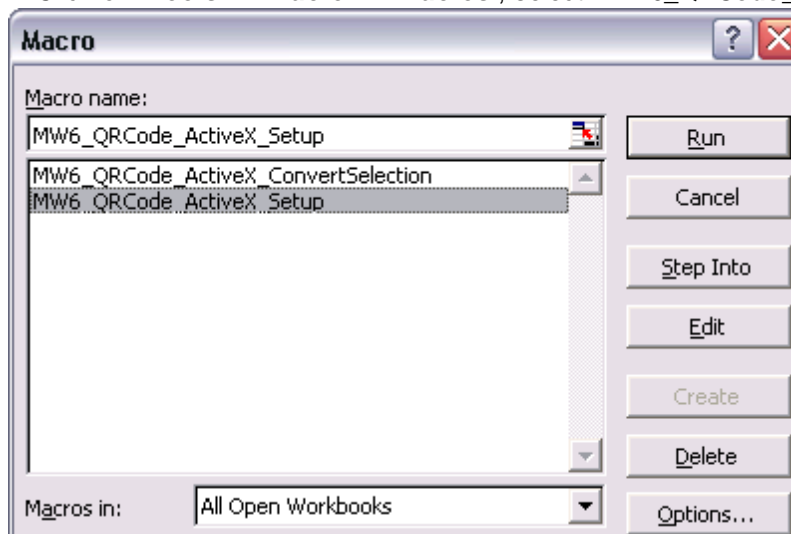
3. Click on **"Convert All"** to create QRCode barcodes for the paragraphs surrounded with the "<" and ">" characters.



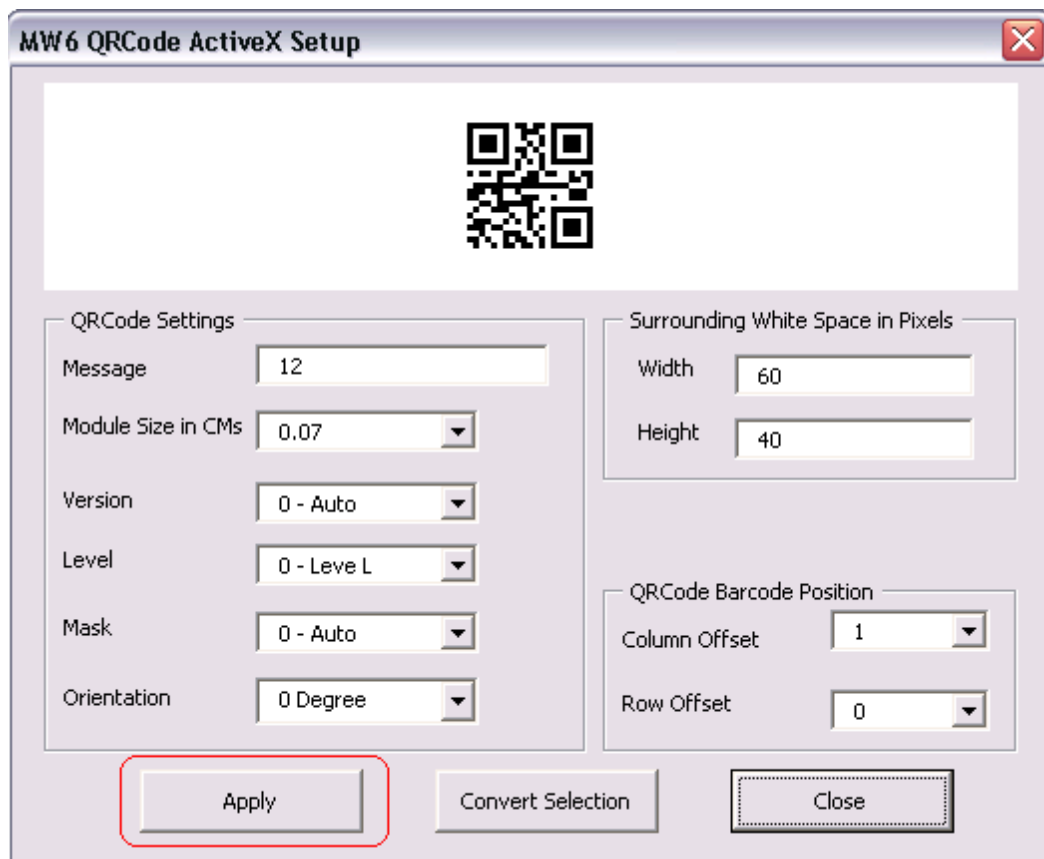
## 5 Excel Demo

### 5.1 Change Settings

1. In Excel, open MW6\_QRCode\_ActiveX.XLS.
2. Click on **"Tools" > "Macro" > "Macros"**, select **"MW6\_QRCode\_ActiveX\_Setup"**.



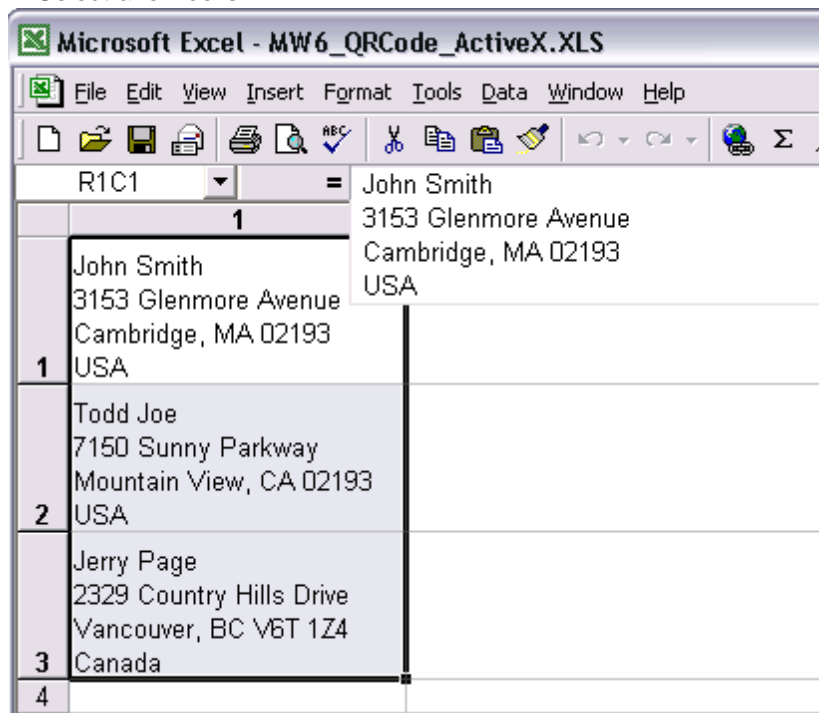
3. Click on **"Run"**.



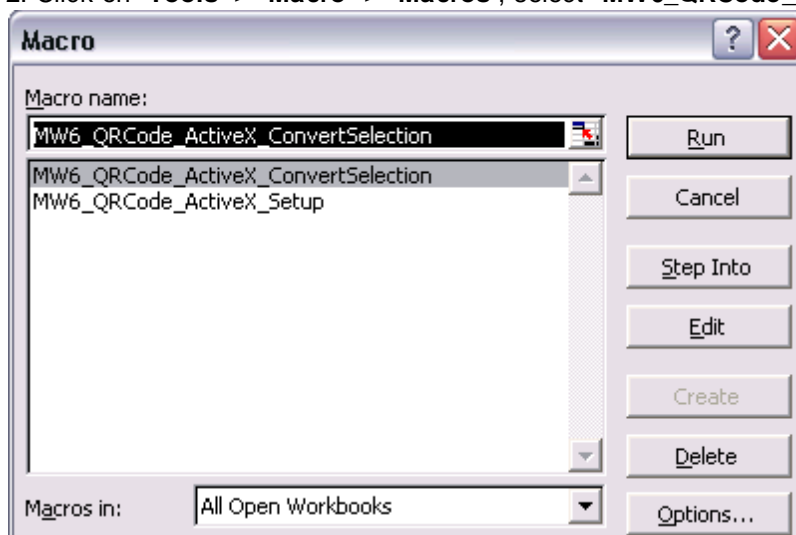
4. Choose a few appropriate values for QRCode configurations, click on "**Apply**" button to allow the changes to take effect, "Column Offset" and "Row Offset" are used to specify QRCode barcode position relative to the position of the cell which contains the regular string.

## 5.2 Create Multiple Barcodes

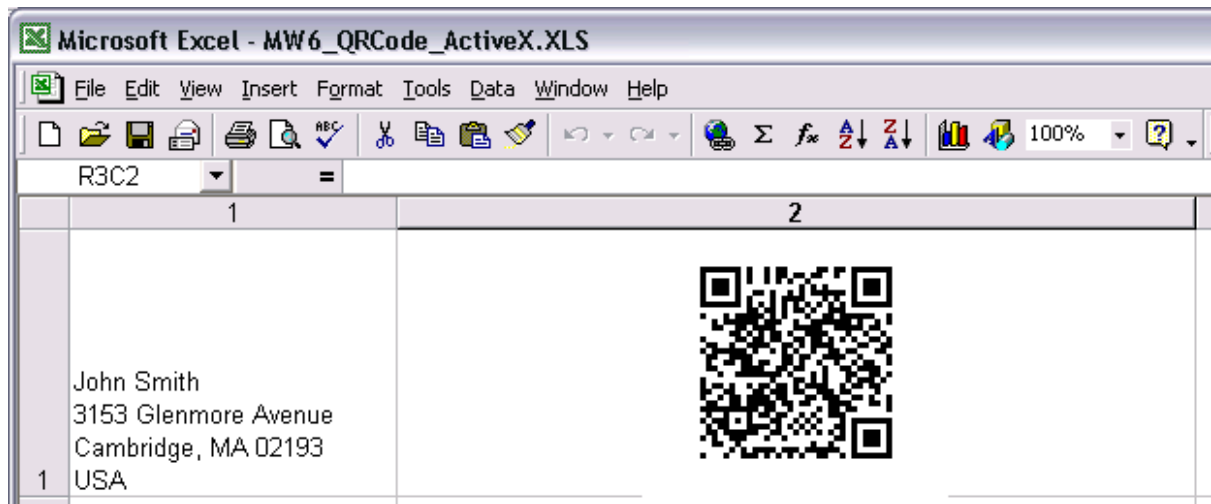
1. Select a few cells.



2. Click on "Tools" > "Macro" > "Macros", select "MW6\_QRCode\_ActiveX\_ConvertSelection".

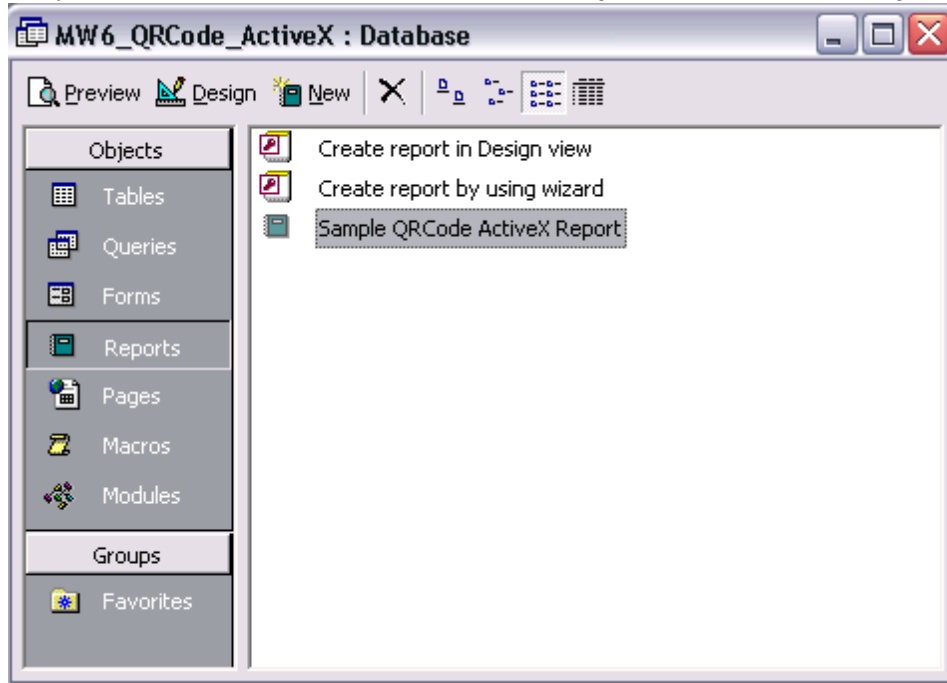


3. Click on "Run" to create QRCode barcodes for the selected cells.

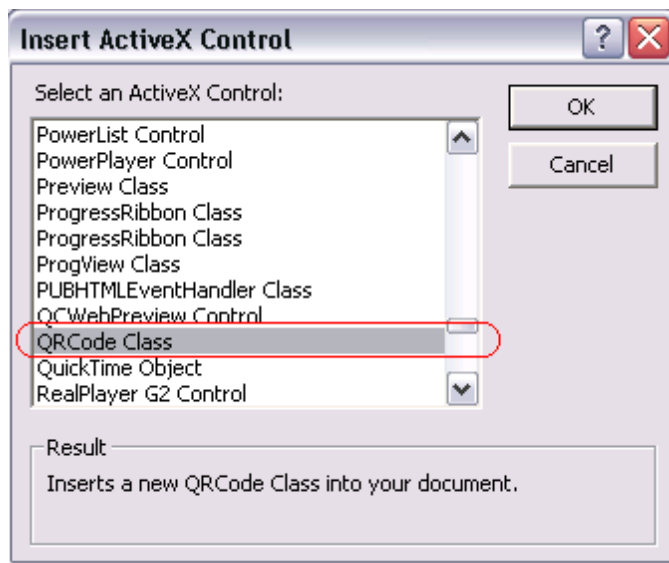


## 6 Access Demo

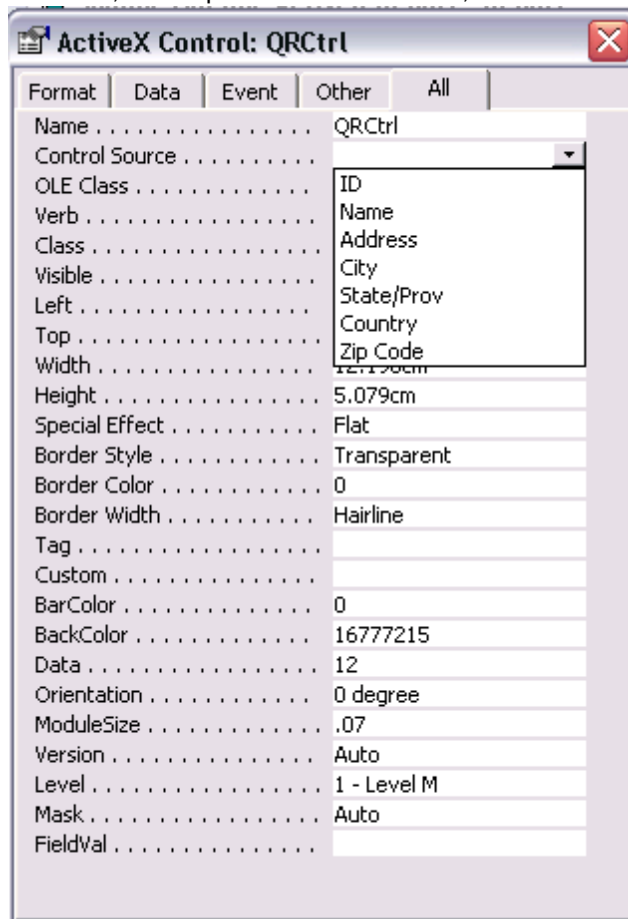
1. Open MW6\_QRCode\_ActiveX.mdb, select "**Sample QRCode ActiveX Report**".



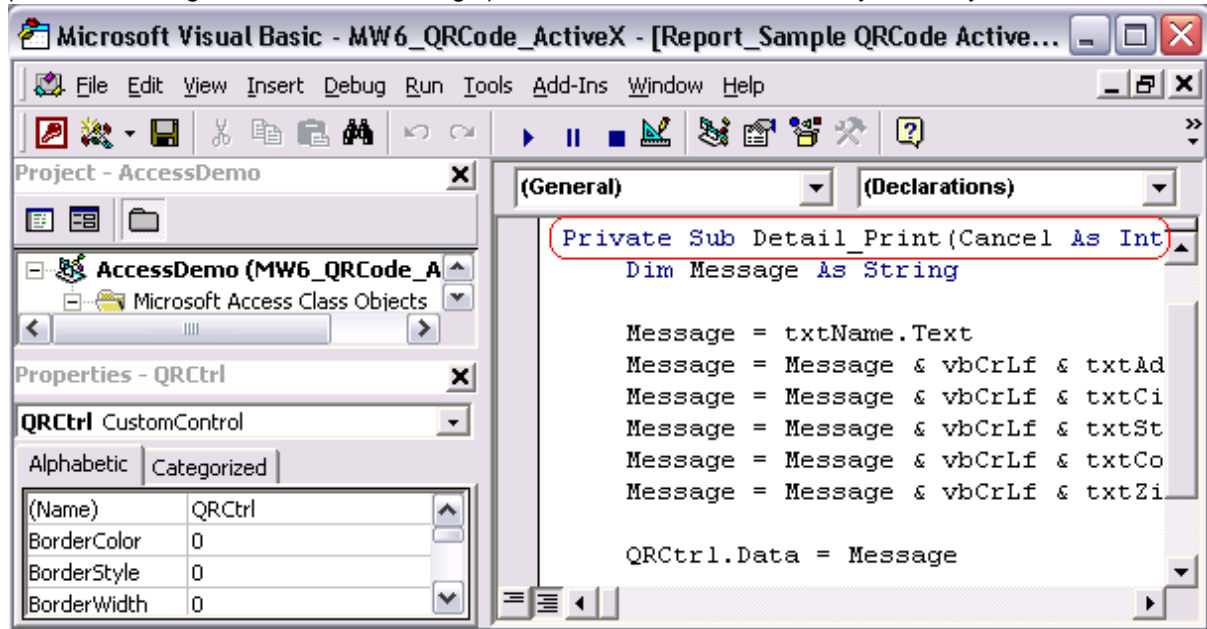
2. Click on "**Design**", insert a MW6 QRCode ActiveX control into the report.



3. Change its properties to meet your application requirements, our QRCode ActiveX supports the data binding so you can bind a field in a database to the control and generate QRCode barcodes for each data record automatically, there's an arrow on the right side of the **"Control Source"** property, click on the arrow, a list opens with all the fields, select the field you want for the control.



4. If you do not want to use the data binding feature, you can customize "Private Sub Detail\_Print (Cancel As Integer, PrintCount As Integer)" to create QRCode barcodes dynamically.



4. Click on "Preview" to view QRCode barcodes.

## 7 Reference Guide

### 7.1 Properties

#### 7.1.1 BackColor Property

Gets or sets the background color of the QRCode barcode.

##### Property Data Type

OLE\_COLOR

##### Remarks

The default value is white color.

#### 7.1.2 BarColor Property

Gets or sets the color of the QRCode barcode and text.

##### Property Data Type

OLE\_COLOR

##### Remarks

The default value is black color.

### 7.1.3 BorderStyle Property

Gets or sets the style of the border rectangle.

#### Property Data Type

short

#### Remarks

The default value is 0, this property can be one of the following values:

| Value | Description  |
|-------|--------------|
| 0     | No Border    |
| 1     | Dash Border  |
| 2     | Solid Border |

### 7.1.4 Data Property

Gets or sets the message to encode with QRCode barcode ActiveX.

#### Property Data Type

BSTR

#### Remarks

The default value is "12".

### 7.1.5 ImageData Property

Gets WMF format data stream of the QRCode barcode.

#### Property Data Type

IPictureDisp\*

### 7.1.6 Level Property

Gets or sets the level of error correction allowing recovery.

#### Property Data Type

short

#### Remarks

The default value is 0, this property can be one of the following values.

| Value | Comment |
|-------|---------|
| 0     | Level L |
| 1     | Level M |
| 2     | Level Q |
| 3     | Level H |

### 7.1.7 Mask Property

Gets or sets the mask pattern for improving the readability.

#### Property Data Type

short

#### Remarks

The default value is 0, this property can be one of the following values.

| Value | Comment |
|-------|---------|
| 0     | Auto    |
| 1     | Mask 0  |
| 2     | Mask 1  |
| 3     | Mask 2  |
| 4     | Mask 3  |
| 5     | Mask 4  |
| 6     | Mask 5  |
| 7     | Mask 6  |
| 8     | Mask 7  |

### 7.1.8 ModuleSize Property

Gets or sets the size (width/height) of the square-shaped module.

#### Property Data Type

float

#### Remarks

The default value is 0.07, internally our QRCode ActiveX control converts the module size from centimeters to pixels based on the device resolution, round up or round down float pixel value to the

---



nearest integer.

The centimeter to pixel conversion formula is :

$$size\_in\_pixels = size\_in\_centimeters * device\_resolution / 2.54$$

For example, if you render barcode on computer screen and the screen resolution is 96dpi.

(1) Set ModuleSize property to 0.04,  $size\_in\_pixels = 0.04 * 96 / 2.54 = 1.5118$ , round up 1.5118 to 2, so actual module size is 2 pixels.

(2) Set ModuleSize property to 0.06,  $size\_in\_pixels = 0.06 * 96 / 2.54 = 2.2677$ , round down 2.2677 to 2, so actual module size is 2 pixels.

(3) Set ModuleSize property to 0.07,  $size\_in\_pixels = 0.07 * 96 / 2.54 = 2.6456$ , round up 2.6456 to 3, so actual module size is 3 pixels.

Different ModuleSize property values might end up with same module size in pixels due to performing rounding operations.

### 7.1.9 Orientation Property

Gets or sets the orientation of the QRCode barcode.

#### Property Data Type

short

#### Remarks

The default value is 0, this property can be one of the following values:

| Value | Description |
|-------|-------------|
| 0     | 0 degree    |
| 1     | 90 degrees  |
| 2     | 180 degrees |
| 3     | 270 degrees |

### 7.1.10 Version Property

Gets or sets the version of the QRCode barcode.

#### Property Data Type

short

#### Remarks

The default value is 0, this property can be one of the following values.

| Value | Description |
|-------|-------------|
| 0     | Auto        |
| 1     | 21 X 21     |
| 2     | 25 X 25     |

|    |           |
|----|-----------|
| 3  | 29 X 29   |
| 4  | 33 X 33   |
| 5  | 37 X 37   |
| 6  | 41 X 41   |
| 7  | 45 X 45   |
| 8  | 49 X 49   |
| 9  | 53 X 53   |
| 10 | 57 X 57   |
| 11 | 61 X 61   |
| 12 | 65 X 65   |
| 13 | 69 X 69   |
| 14 | 73 X 73   |
| 15 | 77 X 77   |
| 16 | 81 X 81   |
| 17 | 85 X 85   |
| 18 | 89 X 89   |
| 19 | 93 X 93   |
| 20 | 97 X 97   |
| 21 | 101 X 101 |
| 22 | 105 X 105 |
| 23 | 109 X 109 |
| 24 | 113 X 113 |
| 25 | 117 X 117 |
| 26 | 121 X 121 |
| 27 | 125 X 125 |
| 28 | 129 X 129 |
| 29 | 133 X 133 |
| 30 | 137 X 137 |
| 31 | 141 X 141 |
| 32 | 145 X 145 |
| 33 | 149 X 149 |
| 34 | 153 X 153 |
| 35 | 157 X 157 |
| 36 | 161 X 161 |
| 37 | 165 X 165 |
| 38 | 169 X 169 |
| 39 | 173 X 173 |
| 40 | 177 X 177 |

If you set *Version* to 0 (Auto version), our QRCode ActiveX control will automatically choose an appropriate version with enough data capacity to encode the string.

If you set *Version* to other values and the data capacity of the selected version is not big enough to encode the string, our QRCode ActiveX control will also automatically choose an appropriate version with bigger data capacity to encode the string.

---

## 7.2 Methods

### 7.2.1 CopyToClipboard Method

Copies the QRCode barcode image into the system clipboard.

```
void CopyToClipboard();
```

#### Remarks

Before you call this method, use `GetActualSize()` method to obtain the actual size of the QRCode barcode and use `SetSize()` method to set image size by adding surrounding white space around the QRCode barcode.

#### See Also

[GetActualSize\(\) Method](#) | [SetSize\(\) Method](#)

### 7.2.2 GetActualRC Method

Gets the actual numbers of rows and columns for the QRCode barcode.

```
void GetActualRC(short *ActualRows, short *ActualCols);
```

#### Parameters

*ActualRows*

A pointer to the variable that receives the final number of rows for the QRCode barcode.

*ActualCols*

A pointer to the variable that receives the final number of columns for the QRCode barcode.

#### Remarks

If you set *Version* to 0 (Auto version), QRCode ActiveX control will automatically choose an appropriate format with enough data capacity to encode the string, use this method to retrieve the information about the final numbers of rows and columns.

If you set *Version* to other values and the data capacity of the selected format is not big enough to encode the string, QRCode ActiveX control will also automatically choose an appropriate format with bigger data capacity to encode the string, so the final numbers of rows and columns might not be equal to the numbers of rows and columns specified by the *Version* property.

### 7.2.3 GetActualSize Method

Gets the actual size of the QRCode barcode which is rendered onto either computer screen or other devices such as printers.

```
void GetActualSize(VARIANT_BOOL ScreenIsTarget, long TargetHDC, long *ActualWidth, long *ActualHeight);
```

**Parameters***ScreenIsTarget*

Indicates whether barcode is rendered onto computer screen or not.

*TargetHDC*

Device context on which to render the QRCode barcode, if the parameter *ScreenIsTarget* is set to TRUE, this parameter is irrelevant.

*ActualWidth*

A pointer to the variable that receives the width of the QRCode barcode (in pixels).

*ActualHeight*

A pointer to the variable that receives the height of the QRCode barcode (in pixels).

**7.2.4 GetPatternData Method**

Gets the QRCode barcode pattern matrix data.

```
void GetPatternData(short *Buffer,  
                   long *Size,  
                   short *Rows,  
                   short *Columns,  
                   VARIANT_BOOL *Result);
```

**Parameters***Buffer*

Pointer to a buffer that receives the character stream ('1's and '0's) storing the QRCode barcode pattern matrix data row by row from the top left matrix corner, '1' indicates the black module and '0' indicates the white module.

If the method fails and the variable pointed to by *Size* returns the required buffer size, in 16-bit integers.

*Size*

[in/out] On input, specifies the size, in 16-bit integers, of the *Buffer*. On output, receives the size, in 16-bit integers, of the QRCode barcode pattern matrix ('1's and '0's).

*Rows*

A pointer to the variable that receives the number of the rows for the pattern matrix.

*Columns*

A pointer to the variable that receives the number of the columns for the pattern matrix..

*Result*

If the method succeeds, the value of the variable pointed to by *Result* is VARIANT\_TRUE, otherwise the value is VARIANT\_FALSE.

---

**Remarks**

You can use this method to obtain the QRCode barcode pattern matrix data and render the QRCode barcode onto any device such as the printer, only *Data*, *Level*, *Mask* and *Version* properties affect the pattern matrix data output.

Based on the *Orientation* property value, rotate the pattern matrix accordingly before you render the QRCode barcode onto a device.

**7.2.5 Render Method**

Renders the QRCode barcode onto the device such as computer screen or printers.

```
void Render(long hDC, int x, int y);
```

**Parameters**

*hDC*

Device context on which to render the QRCode barcode.

*x*

The x coordinate, in pixels, of the top left corner of the QRCode barcode .

*y*

The y coordinate, in pixels, of the top left corner of the QRCode barcode.

**7.2.6 SaveAsBMP Method**

Saves the QRCode barcode image as a BMP file.

```
void SaveAsBMP(BSTR FileName);
```

**Parameters**

*FileName*

A string that contains the name of the file to which to save BMP format barcode image.

**Remarks**

Before you call this method, use `GetActualSize()` method to obtain the actual size of the QRCode barcode and use `SetSize()` method to set image size by adding surrounding white space around the QRCode barcode.

**See Also**

`GetActualSize()` Method | `SetSize()` Method

### 7.2.7 SaveAsWMF Method

Saves the QRCode barcode image as a WMF file.

```
void SaveAsWMF(BSTR FileName);
```

#### Parameters

*FileName*

A string that contains the name of the file to which to save WMF format barcode image.

#### Remarks

Before you call this method, use `GetActualSize()` method to obtain the actual size of the QRCode barcode and use `SetSize()` method to set image size by adding surrounding white space around the QRCode barcode.

#### See Also

[GetActualSize\(\) Method](#) | [SetSize\(\) Method](#)

### 7.2.8 SetSize Method

Sets the size of the image which contains the QRCode barcode.

```
void SetSize(int Width, int Height);
```

#### Parameters

*Width*

The width, in pixels, of the image.

*Height*

The height, in pixels, of the image.

#### Remarks

First call `GetActualSize()` method to obtain the actual size of the QRCode barcode, then use this method to set image size by adding surrounding white space around the QRCode barcode.

#### See Also

[GetActualSize\(\) Method](#)

---

## 8 Data Capacity Tables

### 8.1 Level L

| Version | Capacity (in digits) | Capacity (in alphanumeric characters) | Capacity (in bytes) |
|---------|----------------------|---------------------------------------|---------------------|
| 1       | 41                   | 25                                    | 17                  |
| 2       | 77                   | 47                                    | 32                  |
| 3       | 127                  | 77                                    | 53                  |
| 4       | 187                  | 114                                   | 78                  |
| 5       | 255                  | 154                                   | 106                 |
| 6       | 322                  | 195                                   | 134                 |
| 7       | 370                  | 224                                   | 154                 |
| 8       | 461                  | 279                                   | 192                 |
| 9       | 552                  | 335                                   | 230                 |
| 10      | 652                  | 395                                   | 271                 |
| 11      | 772                  | 468                                   | 321                 |
| 12      | 883                  | 535                                   | 367                 |
| 13      | 1022                 | 619                                   | 425                 |
| 14      | 1101                 | 667                                   | 458                 |
| 15      | 1250                 | 758                                   | 520                 |
| 16      | 1408                 | 854                                   | 586                 |
| 17      | 1548                 | 938                                   | 644                 |
| 18      | 1725                 | 1046                                  | 718                 |
| 19      | 1903                 | 1153                                  | 792                 |
| 20      | 2061                 | 1249                                  | 858                 |
| 21      | 2232                 | 1352                                  | 929                 |
| 22      | 2409                 | 1460                                  | 1003                |
| 23      | 2620                 | 1588                                  | 1091                |
| 24      | 2812                 | 1704                                  | 1171                |
| 25      | 3057                 | 1853                                  | 1273                |
| 26      | 3283                 | 1990                                  | 1367                |
| 27      | 3517                 | 2132                                  | 1465                |
| 28      | 3669                 | 2223                                  | 1528                |
| 29      | 3909                 | 2369                                  | 1628                |
| 30      | 4158                 | 2520                                  | 1732                |
| 31      | 4417                 | 2677                                  | 1840                |
| 32      | 4686                 | 2840                                  | 1952                |
| 33      | 4965                 | 3009                                  | 2068                |
| 34      | 5253                 | 3183                                  | 2188                |
| 35      | 5529                 | 3351                                  | 2303                |
| 36      | 5836                 | 3537                                  | 2431                |
| 37      | 6153                 | 3729                                  | 2563                |
| 38      | 6479                 | 3927                                  | 2699                |
| 39      | 6743                 | 4087                                  | 2809                |
| 40      | 7089                 | 4296                                  | 2953                |

### 8.2 Level M

| Version | Capacity (in digits) | Capacity (in alphanumeric) | Capacity (in bytes) |
|---------|----------------------|----------------------------|---------------------|
|---------|----------------------|----------------------------|---------------------|

|    |      | characters) |      |
|----|------|-------------|------|
| 1  | 34   | 20          | 14   |
| 2  | 63   | 38          | 26   |
| 3  | 101  | 61          | 42   |
| 4  | 149  | 90          | 62   |
| 5  | 202  | 122         | 84   |
| 6  | 255  | 154         | 106  |
| 7  | 293  | 178         | 122  |
| 8  | 365  | 221         | 152  |
| 9  | 432  | 262         | 180  |
| 10 | 513  | 311         | 213  |
| 11 | 604  | 366         | 251  |
| 12 | 691  | 419         | 287  |
| 13 | 796  | 483         | 331  |
| 14 | 871  | 528         | 362  |
| 15 | 991  | 600         | 412  |
| 16 | 1082 | 656         | 450  |
| 17 | 1212 | 734         | 504  |
| 18 | 1346 | 816         | 560  |
| 19 | 1500 | 909         | 624  |
| 20 | 1600 | 970         | 666  |
| 21 | 1708 | 1035        | 711  |
| 22 | 1872 | 1134        | 779  |
| 23 | 2059 | 1248        | 857  |
| 24 | 2188 | 1326        | 911  |
| 25 | 2395 | 1451        | 997  |
| 26 | 2544 | 1542        | 1059 |
| 27 | 2701 | 1637        | 1125 |
| 28 | 2857 | 1732        | 1190 |
| 29 | 3035 | 1839        | 1264 |
| 30 | 3289 | 1994        | 1370 |
| 31 | 3486 | 2113        | 1452 |
| 32 | 3693 | 2238        | 1538 |
| 33 | 3909 | 2369        | 1628 |
| 34 | 4134 | 2506        | 1722 |
| 35 | 4343 | 2632        | 1809 |
| 36 | 4588 | 2780        | 1911 |
| 37 | 4775 | 2894        | 1989 |
| 38 | 5039 | 3054        | 2099 |
| 39 | 5313 | 3220        | 2213 |
| 40 | 5596 | 3391        | 2331 |

### 8.3 Level Q

| Version | Capacity (in digits) | Capacity (in alphanumeric characters) | Capacity (in bytes) |
|---------|----------------------|---------------------------------------|---------------------|
| 1       | 27                   | 16                                    | 11                  |
| 2       | 48                   | 29                                    | 20                  |
| 3       | 77                   | 47                                    | 32                  |
| 4       | 111                  | 67                                    | 46                  |
| 5       | 144                  | 87                                    | 60                  |
| 6       | 178                  | 108                                   | 74                  |



|    |      |      |      |
|----|------|------|------|
| 7  | 207  | 125  | 86   |
| 8  | 259  | 157  | 108  |
| 9  | 312  | 189  | 130  |
| 10 | 364  | 221  | 151  |
| 11 | 427  | 259  | 177  |
| 12 | 489  | 296  | 203  |
| 13 | 580  | 352  | 241  |
| 14 | 621  | 376  | 258  |
| 15 | 703  | 426  | 292  |
| 16 | 775  | 470  | 322  |
| 17 | 876  | 531  | 364  |
| 18 | 948  | 574  | 394  |
| 19 | 1063 | 644  | 442  |
| 20 | 1159 | 702  | 482  |
| 21 | 1224 | 742  | 509  |
| 22 | 1358 | 823  | 565  |
| 23 | 1468 | 890  | 611  |
| 24 | 1588 | 963  | 661  |
| 25 | 1718 | 1041 | 715  |
| 26 | 1804 | 1094 | 751  |
| 27 | 1933 | 1172 | 805  |
| 28 | 2085 | 1263 | 868  |
| 29 | 2181 | 1322 | 908  |
| 30 | 2358 | 1429 | 982  |
| 31 | 2473 | 1499 | 1030 |
| 32 | 2670 | 1618 | 1112 |
| 33 | 2805 | 1700 | 1168 |
| 34 | 2949 | 1787 | 1228 |
| 35 | 3081 | 1867 | 1283 |
| 36 | 3244 | 1966 | 1351 |
| 37 | 3417 | 2071 | 1423 |
| 38 | 3599 | 2181 | 1499 |
| 39 | 3791 | 2298 | 1597 |
| 40 | 3993 | 2420 | 1663 |

## 8.4 Level H

| Version | Capacity (in digits) | Capacity (in alphanumeric characters) | Capacity (in bytes) |
|---------|----------------------|---------------------------------------|---------------------|
| 1       | 17                   | 10                                    | 7                   |
| 2       | 34                   | 20                                    | 14                  |
| 3       | 58                   | 35                                    | 24                  |
| 4       | 82                   | 50                                    | 34                  |
| 5       | 106                  | 64                                    | 44                  |
| 6       | 139                  | 84                                    | 58                  |
| 7       | 154                  | 93                                    | 64                  |
| 8       | 202                  | 122                                   | 84                  |
| 9       | 235                  | 143                                   | 98                  |
| 10      | 288                  | 174                                   | 119                 |
| 11      | 331                  | 200                                   | 137                 |
| 12      | 374                  | 227                                   | 155                 |
| 13      | 427                  | 259                                   | 177                 |

|    |      |      |      |
|----|------|------|------|
| 14 | 468  | 283  | 194  |
| 15 | 530  | 321  | 220  |
| 16 | 602  | 365  | 250  |
| 17 | 674  | 408  | 280  |
| 18 | 746  | 452  | 310  |
| 19 | 813  | 493  | 338  |
| 20 | 919  | 557  | 382  |
| 21 | 969  | 587  | 403  |
| 22 | 1056 | 640  | 439  |
| 23 | 1108 | 672  | 461  |
| 24 | 1228 | 744  | 511  |
| 25 | 1286 | 779  | 535  |
| 26 | 1425 | 864  | 593  |
| 27 | 1501 | 910  | 625  |
| 28 | 1581 | 958  | 658  |
| 29 | 1677 | 1016 | 698  |
| 30 | 1782 | 1080 | 742  |
| 31 | 1897 | 1150 | 790  |
| 32 | 2022 | 1226 | 842  |
| 33 | 2157 | 1307 | 898  |
| 34 | 2301 | 1394 | 958  |
| 35 | 2361 | 1431 | 983  |
| 36 | 2524 | 1530 | 1051 |
| 37 | 2625 | 1591 | 1093 |
| 38 | 2735 | 1658 | 1139 |
| 39 | 2927 | 1774 | 1219 |
| 40 | 3057 | 1852 | 1273 |

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