

jQuery.qrcode

generate QR codes dynamically

license MIT github lrsinq/jquery-qrcode bower lrsinq/jquery-qrcode

jQuery.qrcode enables you to dynamically add QR codes to your website. Choose between rendering the code in a `canvas` or with `divs`. The latter will be fine even for older browser. The generated QR code will be in the least possible version required to encode the content (least number of blocks).

See the [demo](#) ([latest/demo/](#)) to get a first impression. This plugin is used in [h5ai](#) ([/h5ai/](#)) to generate QR codes for file entries. It is a wrapper for the more generic [QR Code Generator](#) (<https://github.com/kazuhiroarase/qrcode-generator>) (MIT).

0.12.0
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Usage

The syntax is very simple. Just use

```
$(selector).qrcode(options);
```

to append a new generated HTML element representing the QR code to the selected elements. If the selected element already is a `canvas` element, then the QR code is drawn onto it.

Options

The available options and their default values are:

```
{
  // render method: 'canvas', 'image' or 'div'
  render: 'canvas',

  // version range somewhere in 1 .. 40
  minVersion: 1,
  maxVersion: 40,

  // error correction level: 'L', 'M', 'Q' or 'H'
  ecLevel: 'L',

  // offset in pixel if drawn onto existing canvas
  left: 0,
  top: 0,

  // size in pixel
  size: 200,

  // code color or image element
  fill: '#000',

  // background color or image element, null for transparent background
  background: null,

  // content
  text: 'no text',

  // corner radius relative to module width: 0.0 .. 0.5
  radius: 0,
```

```
// quiet zone in modules
quiet: 0,

// modes
// 0: normal
// 1: label strip
// 2: label box
// 3: image strip
// 4: image box
mode: 0,

mSize: 0.1,
mPosX: 0.5,
mPosY: 0.5,

label: 'no label',
fontname: 'sans',
fontcolor: '#000',

image: null
}
```

Examples

Default values

Doesn't make much sense, since it encodes the text: 'no text'

```
$(selector).qrcode();
```

Customized

Some values changed

```
$(selector).qrcode({  
  "size": 100,  
  "color": "#3a3",  
  "text": "http://larsjung.de/qrcode (http://larsjung.de/qrcode)"  
});
```

Same as above but rendered as `div`. The size of QR code might be slightly smaller than the desired size to make it pixel perfect. In this case it will be centered inside a container element with the desired sizes.

```
$(selector).qrcode({  
  "render": "div",  
  "size": 100,  
  "color": "#3a3",  
  "text": "http://larsjung.de/qrcode (http://larsjung.de/qrcode)"  
});
```