The fancyqr package

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fancyqr is a simple package to create fancy qr codes with the help of the qrcode-package. You can use the \fancyqr-macro just like the normal \qrcode.\footnote{fancyqr[<qr-options>]{<url>}}

If you do want to hide a center square (e.g, because you want to embed an image) you can use \FancyQrDoNotPrintSquare{<x>}{<y>} to hide a rectangle with radius x and y set from the center. If you choose this option, the default \FancyQrRoundCut that rounds cut corners can be changed with \FancyQrHardCut. At the moment, there are six other styles for the qr-code flat, frame, blob, glitch, swift, and dots, that you can load (locally) by using \FancyQrLoad{<name>}. The default style is named default and can be ’reset’ by \FancyQrLoad{default} or \FancyLoadDefault.

All of the extra qr-options (you can set all of them with \fancyqrset{<keys>}) are showcased in Table 1. The defaults are set like this:

\fancyqrset{image padding=0,gradient=true, gradient angle=135,r color=teal,l color=purple}

Consider the following example (uses fontawesome for the symbol, but you can use include images, . . .):

\fancyqr[image=\huge\faGithub,image padding=1,color=black !90!gray]{https://github.com/EagleoutIce/fancyqr}

Which produces:

\fancyqr[<qr-options>]{<url>}

\footnote{fancyqr[<qr-options>]{<url>}}
<table>
<thead>
<tr>
<th>Option</th>
<th>Type</th>
<th>Default</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>image</td>
<td>\LaTeX</td>
<td></td>
<td>Automatically center an image.²</td>
</tr>
<tr>
<td>image padding</td>
<td>number</td>
<td></td>
<td>Additionally hide blocks (x &amp; y) around the image.</td>
</tr>
<tr>
<td>image x padding</td>
<td>number</td>
<td>0</td>
<td>Additionally hide blocks (x) around the image.</td>
</tr>
<tr>
<td>image y padding</td>
<td>number</td>
<td>0</td>
<td>Additionally hide blocks (y) around the image.</td>
</tr>
<tr>
<td>gradient</td>
<td>boolean</td>
<td>true</td>
<td>Toggle the color gradient</td>
</tr>
<tr>
<td>color</td>
<td>color</td>
<td>purple</td>
<td>Disables the gradient and sets the color accordingly.</td>
</tr>
<tr>
<td>l color</td>
<td>color</td>
<td>purple</td>
<td>Set the top left gradient color.</td>
</tr>
<tr>
<td>left color</td>
<td>color</td>
<td></td>
<td>Alias for l color.</td>
</tr>
<tr>
<td>r color</td>
<td>color</td>
<td>teal</td>
<td>Set the bottom right gradient color.</td>
</tr>
<tr>
<td>right color</td>
<td>color</td>
<td></td>
<td>Alias for r color.</td>
</tr>
<tr>
<td>gradient angle</td>
<td>angle</td>
<td>135</td>
<td>Change the gradient angle.</td>
</tr>
</tbody>
</table>

Table 1: Overview of special qr-options.

²The package will automatically calculate the required \texttt{\LaTeX\ DoNotPrintSquare} (you have to make sure that the qr code still has enough information to be readable). Therefore, the image will not scale with the qr code.