

PHP: QR code generator

A simple PHP script using the library [phpqrcode](#) for the generation of QR codes

Link to the programme:

<https://wiki.ostrowski.net.pl/qrcode/>

To generate a QR code for the wifi network, simply edit and paste this text into the generator:

```
WIFI:T:<encryption>;S:<SSID>;P:<password>;H:<hidden>;;
```

Explanation:

- T: Encryption type (WPA, WPA2, WPA3, WEP, or nopass for open networks).
- S: SSID (WiFi network name)
- P: Password
- H: SSID hidden (true false)

Example:

```
WIFI:T:WPA;S:quest-network;P:pass1234;;
```

Solution code:

[index.php](#)

```
<?php
require_once './phpqrcode/qrlib.php'; // include the QR library
?>

<!DOCTYPE html>
<html>
<head>
    <title>Simple QR Code Generator</title>
</head>
<body>
    <h2>QR Code Generator</h2>
    <form method="post">
        Enter text or URL: <input type="text" name="text" required
style="width: 400px;">
        <button type="submit">Generate QR Code</button>
    </form>
    <p>if you want wifi qrcode then edit and paste this:
<tt>WIFI:T:WPA;S:quest-network;P:pass1234;;</tt></p>

<?php
if (!empty($_POST['text'])) {
```

```
$text = $_POST['text'];
$filename = 'qrcode.png';

// Dynamically adjust the size based on the length of the input
text

$dataLength = strlen($text);
$size = 5; // Default size

if ($dataLength <= 50) {
    $size = 5; // Small amount of data
} elseif ($dataLength <= 100) {
    $size = 6; // Medium amount of data
} elseif ($dataLength <= 200) {
    $size = 7; // Larger data
} elseif ($dataLength <= 300) {
    $size = 8; // Even larger data
} else {
    $size = 9; // Very large data
}

// Create the QR code with the calculated size
QRcode::png($text, $filename, QR_ECLEVEL_L, $size);

echo "<h3>Your QR Code:</h3>";
echo "<img src='$filename'><br>";
echo "<a href='$filename' download>Download QR Code</a>";
}
?>
</body>
</html>
```