

Progwhiz

QR ID

API



<https://www.ttgrcodetracker.com/>

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Introduction

The following document provides the specifications to be able to use the following API's

- QR ID Code Creation JSON encoding of parameters API
- Administrative Validation Mobile Apps

This API creates both a QR Code which can optionally be added to a ID image and the tracking mechanism is included to automate the capabilities to manages the validation, usage and reporting.

Plugin Types Supported

The plugins we provide to interface with our API in the various languages are:

- PHP (code included in this document)
- Perl *
- Python *
- Java (runtime link included in this document)
- JavaScript *
- C# .Net *

**** Provided upon request***

QR ID Creation using JSON encoding API

Server Details

Attribute	Value
API URL	https://www.progwhiz.com/Campaign/qridapi0.php
Content-Type	application/json
Call Type	POST
Message Type	JSON of array below parameters

Request Details

Parameter	Description
apikey	API Key Click to Get
cemail	Customer Email
company	Target customer business name
qrsecure	Secure QR Ticket only authorized personnel
uselogo	Y - Use logo to embed, N – No Logo to embed
qrcolorlight	1 st Colour in 24bit Hex format 00000 to FFFFFF
qrcolordark	2 nd Colour in 24bit Hex format 00000 to FFFFFF
picurl	Photo HTTP Path, if Null or value = Empty no Photo will be Included
logopath	HTTP Path to Logo Image
id	Ticket# or Person Name
name	Campaign Name or Event name
producttyp	1 – QR Image only, 2 – ID with QR Image Added
xpos	X Position to place QR Code
ypos	Y Position to place QR Code
idimage	ID card Graphic Image File HTTP Path
urlcontent	Y / N, Y – URL Content, N - ID Content only
magnify	The size of the QR Code embedded [0.1 to 1.0, default=0.2)
staticid	If empty or null will auto generate TrackID

Response Details(JSON Encoded response string)

Response Array Elements	Type	Values
status	String	success or fail
qrurl	String	QR Code image URL Link
errcode	string	0 – no error, ,1 – insufficient points, 2 - Invalid credentials, 3 - suspicious parameters, 4 – Missing credentials
campaignurl	String	Campaign URL Link
trackid	String	Campaign Tracking ID
newidimage	String	New ID Image URL Link
pointsremaining	String	#of points remaining or Unlimited

Example source code in PHP at [Sample Code](#)

Sample in PHP

```
<?php
$apikey='eyJlbWFpbCI6ImluZm9AcHJvZ3doaXouY29tliwicGFzcyI6InhBOSNAZEU0In0=';
$picurl='Empty';
$logopath='https://www.progwhiz.com/qrimages/pwiz2.png';
$idimage='https://www.progwhiz.com/qrimages/pwiz2.png';
$email='progwhiz1@gmail.com';
$company='Test Company';
$uselogo='N';
$id='1234567';
$name='TestName';
$qrcode='Y';
$qrcodecolorlight='FFFFFF';
$qrcodecolordark='000000';
$producttype='2';//1 - QR Code Only, 2 - Ticket & QR Code
$xpos=10;
$ypos=10;
$urlcontent = 'Y';
$magnify=0.2;
$staticid='';
$url = 'https://www.progwhiz.com/Campaign/qridapi0.php';
$data = "apikey" => $apikey, "picurl" => $picurl, "logopath" => $logopath, "company" => $company, "uselogo" => $uselogo, "id"
=> $id, "name" => $name, "qrcode" => $qrcode, "qrcodecolorlight" => $qrcodecolorlight, "qrcodecolordark" => $qrcodecolordark, "idimage" =>
$idimage, "producttype" => $producttype, "xpos" => $xpos, "ypos" => $ypos, "magnify" => $magnify];

$datajsonstr=json_encode($data);
set_time_limit(0);
$ch = curl_init();
curl_setopt_array($ch, [
    CURLOPT_RETURNTRANSFER => 1,
    CURLOPT_URL => $url,
    CURLOPT_SSL_VERIFYPEER => false,
    CURLOPT_SSL_VERIFYHOST => false,
    CURLOPT_TIMEOUT => 1000000,
    CURLOPT_POSTFIELDS => $datajsonstr,
    CURLOPT_HTTPHEADER => [
        'Content-Type: application/json', 'Content-Length: ' . strlen($datajsonstr)
    ]
]);
$result = curl_exec($ch);
curl_close($ch);
$response=json_decode($result,true);
echo 'New ID URL:'. $response['newticketimage'].'<BR>';
echo 'QR URL:'. $response['qrurl'].'<BR>';
echo 'Campaign URL:'. $response['campaignurl'].'<BR>';
echo 'Tracking ID:'. $response['trackid'].'<BR>';
echo 'Status:'. $response['status'].'<BR>';
echo 'ErrorCode:'. $response['errcode'].'<BR>';
?>
```

Sample in Java

Download Executable at :

<https://www.ttqrcodetracker.com/plugin/java/QRRequestLauncher3.jar>

Command Line example:

```
java -jar QRRequestLauncher3.jar
```

```
"eyJlbWFpbCI6ImZm9AcHJvZ3doaXouY29tliwicGFzcyl6InhBOSNAZEU0In0=" "Empty"
```

```
"https://www.progwhiz.com/qrimages/pwiz2.png" "Test Company" "Y" "1234567" "Testname" "Y"
```

```
"FFFFFF" "000000" 2 "https://www.progwhiz.com/qrimages/pwiz2.png" 0 0 0.2 ""
```

Administrative Portal

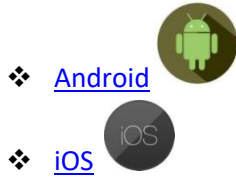
The web link <https://www.ttqrcodetracker.com> is the Web Admin Portal where you can manage:

- ✓ ID
- ✓ Users (access to mobile apps)

www.progwhiz.com

Administrative Validation Mobile Apps

The following apps allow the Administrator to verify a ticket is valid:



www.progwhiz.com