

Progwhiz QR Ticket Static Tracking/Non Tracking API



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

Content

Content	2
Introduction	3
Plugin Types Supported	4
QR Ticket Non Tracking Creation using JSON encoding API	5
Sample in PHP	7
Sample in Java	8
Administrative Portal	9
Administrative Validation Mobile Apps	10

Introduction

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

- QR Ticket Static Code Tracking / Non Tracking Creation JSON encoding of parameters API

This API creates both a QR Code which can optionally be added to a Ticket graphical image and the Administrator provides the QR Code content and 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 Ticket Non Tracking Creation using JSON encoding API

Server Details

Attribute	Value
API URL	https://www.progwhiz.com/Campaign/qrticketapi0.php
Content-Type	application/json
Call Type	POST
Message Type	JSON of below parameters

Request Details

Parameter	Description
apikey	API Key Click to Get
Cemail	Customer Email
company	Target customer business name
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
tracking	Y – Tracking, N – Non Tracking
staticid	QR Code content if set to 'empty' ID is auto generated. If not empty ID has to be managed to ensure no duplicates are used
qrsecure	Y – Secure, N- Not Secure (tracking = N, qrsecure is NA)
accessedmax	Maximum times allowed to be used 1 to N. 1-Default
logopath	HTTP Path to Logo Image
id	Ticket# or Person Name
name	Campaign Name or Event name
producttyp	1 – QR Image only, 2 – Ticket with QR Image & QR Image
xpos	X Position to place QR Code
ypos	Y Position to place QR Code
picurl	Photo HTTP Path, if Null or value = Empty no Photo will be Included
ticketimage	Ticket Graphic Image File HTTP Path
magnify	The size of the QR Code embedded [0.1 to 1.0, default=0.2)
text	Text to include in the Image, set to 'Empty' no Text will be added
textx	Text X coordinate
texty	Text Y coordinate
textsize	Text Size
textfont	Text Font
textcolor	Text Color in RGB in Hex for eg FFFFFFFF
textangle	Angle of rotation 0 to 359

Response Details(JSON Encoded response string)

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

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

Sample in PHP

```
<?php
$apikey='eyJlbWFpbCI6ImluZm9AcHJvZ3doaXouY29tliwicGFzcyI6InhBOSNAZEU0In0=';
$qrsecure='Y';
$staticid = Empty;
$tracking = 'N';
$logopath='https://www.progwhiz.com/qrimages/pwiz2.png';
$ticketimage='https://www.progwhiz.com/qrimages/pwiz2.png';
$picurl = "Empty"; //option to add person picture (HTTP Path)to ticket when validating
$company='Test Company';
$cemail='progwhiz1@gmail.com';
$uselogo='N';
$id='1234567';
$name='TestName';
$qrcolorlight='FFFFFF';
$qrcolordark='000000';
$producttyp='2';//1 - QR Code Only, 2 - Ticket & QR Code
$xpos=10;
$ypos=10;
$magnifynew=0.2;
$accessedmax=2;
$text='Testing';
$textangle=0;
$textx=10;
$texty=20;
$textcolor='FFFFFF';
$textfont='Lato-Bold.ttf';
$textsize=20;
$url = 'https://www.progwhiz.com/Campaign/qrticketapi0.php';
$data = ["apikey" => $apikey, "picurl" => $picurl, "logopath" => $logopath, "company" => $company, "uselogo" => $uselogo, "id" => $id,
"name" => $name, "qrsecure" => $qrsecure, "staticid" => $staticid, "tracking" => $tracking, "qrcolorlight" => $qrcolorlight, "qrcolordark" =>
$qrcolordark, "ticketimage" => $ticketimage, "producttyp" => $producttyp, "xpos" => $xpos, "ypos" => $ypos, "magnify" => $magnifynew,
'accessedmax' => $accessedmax, 'text' => $text, 'textangle' => $textangle, 'textx' => $textx, 'texty' => $texty, 'textcolor' => $textcolor, 'textsize'
=> $textsize, 'textfont' => $textfont];

$datajsonstr=json_encode($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 Ticket URL:'. $response['newticketimage'].'<BR>';
echo 'QR URL:'. $response['qrurl'].'<BR>';
echo 'Campaign URL:'. $response['campaignurl'].'<BR>';
echo 'Status:'. $response['status'].'<BR>';
?>
```

Sample in Java

Download Executable at :

<https://www.ttqrcodetracker.com/plugin/java/QRRequestLauncher2.jar>

Command Line example:

```
java -jar QRRequestLauncher2.jar "eyJlbWFpbCI6ImluZm9AcHJvZ3doaXouY29tliwicGFzcyI6InhBOSNAZEU0In0="
"Empty" "https://www.progwhiz.com/qrimages/pwiz2.png" "Test Company" progwhiz1@gmail.com
"1234567" "Testname" "Y" "FFFFFF" "000000" 2 "https://www.progwhiz.com/qrimages/pwiz2.png" 0 0
0.2 2 "testing" 0 10 10 "FFFFFF" "Lato-Bold.ttf" 20
```

Administrative Portal

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

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

www.progwhiz.com

Administrative Validation Mobile Apps

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

