

Iframe Offerwall

- [User Ids](#)
- [Generate the User Ids](#)
- [Embed offerwall iframe](#)

User Ids

Iframe

The Reward Center is an iframe embedded on your site containing a list of incentivized surveys and offers. It's one of our simplest products to integrate and requires zero maintenance.

Engage your audience with these earning opportunities and get paid every time your user completes one.

Understanding the RapidoReach User ID

Every user needs an ID to enter a survey.

The UID is made up of three parts:

1. The Internal User ID
2. Application ID (App ID)
3. The Checksum.

This 3 part ID isn't required for the Project API or the Invite API.

Example UIDs

```
test123-1sJ57hgit-838ab4b72d221a585af8b4bff7a540231
```

```
Marialukeskywalker-7sJ51hghg-838ab4b72d221a585af8b4be7a540232
```

```
LucasPrincessLeia-9sh57hgty-238ab4b72d88rj1a585af8b4be7a540235
```

```
BuzzLightyear-4sJ17hgih-638ab4b72d2jdfj585af8b4be7a540236
```

```
FaMulan621-3sJ47hgis-738ab4b72d221a585asdnb4be7a5402675
```

```
1969072078348482-9sJ57hyur-138ab4b72d2sdfa585af8b4be7a540786
```

Internal User ID

The Internal User ID is a case-sensitive alphanumeric string of up to 240 (we recommend keeping them short) characters in length. It should correspond to the user's ID in your database.

Application ID

The Application ID (App ID) is your application's numerical identifier. Each application you create has a unique App ID. You can find your App ID below the application name in the application list.

Checksum

Generating a checksum is important to keep every transaction secure and protect the integrity of every generated user ID. It is essential for creating a proper user ID. Sequentially, the checksum comes as the third section of the UID. This can be generated in every programming language (e.g. Python, C#, Golang).

The Checksum is composed of the first 10 alphanumeric characters of the MD5 hash generated string of the Internal User ID, App ID, and Security Key. Since you already know what the Internal User ID and the App ID is, let us talk a little about your Security Key.

Security Key

The Security Key is an alphanumeric case sensitive string generated upon the creation of your application. It is unique to every Application and ensures the integrity of the integration. You can find the Security Key in the integration section of the application.

User Profiles

Depending on the product, you may also register a profile for each of your users.

MJ18dmCzTPhwFFOt-drawing-1-1618746283.png

Generate the User Ids

Generate the User ID First things you'll need are the UID ingredients. The Internal User ID (for each of your users), App ID, and Security Key.

```
internalUserID = User123
appID = 1sJ57hgit
securityKey = 838ab4b72d221a585af8b4be7a540234
```

Generate an md5 hash of the combined string using your programming language's md5 function (using Python 3, it is in a library called hashlib). Then concatenate the first 10 characters of the md5 hash. Make sure the Checksum is lowercase.

Generate an md5 hash of the combined string

Concatenate the first 10 characters using hexdigest(:10)

```
concat_input = internalUserID + appID + securityKey
checksum = hashlib.md5(concat_input).hexdigest()[:10]
Combine them all into one to create the PL UID.
PL_UID = internalUserID + "-" + appID + "-" + checkSum
```

Repeat this process for each of your users to create their User ID.

Examples

Here are examples of how to do this process using 3 different programming languages.

Python

#This Script Produces a PL User ID using Python

```

import hashlib
import sys

endUserId = "User123" #insert internal user ID here
applicationKey = "54dbf08d625158c6d7b055928d6ac0cc" #insert application key here
applicationId = "9145" #insert App ID here.

checksum = hashlib.md5(endUserId + applicationId + applicationKey)
userId = endUserId + "-" + applicationId + "-" + checksum.hexdigest()[:10]
print(userId)

Ruby
require 'digest'
end_user_id = 'test_user'
publisher_id = '1'
security_key = '0000000000000000000000000000000000000000'
hash = Digest::MD5.hexdigest(end_user_id + publisher_id + publisher_security_key)
user_id = "#{end_user_id}-#{publisher_id}-#{hash[0..9]}"

```

C#

```

System.Security.Cryptography;

public class Program
{
    public static void Main()
    {
        var endUserID = "User123"; //assuming a member id for their user to be 3. Make sure to
change it for every user
        var publisherId = "9165";
        var securityKey = "34101a01e1f305b39d16283d5dd05194";
        var hash = CalculateMD5Hash(endUserID + publisherId + securityKey);
        var userId = endUserID + "-" + publisherId + "-" + hash.Substring(0, 10).ToLower();
        var iFrameURL = "https://www.rapidoreach.com/offerwall/?userId=" + userId + "&dob=03-03-
1979&sex=1"; //make sure to append the correct dob and sex for every user
        Console.WriteLine("Generated user id is :{0}", userId);
        Console.WriteLine("Generated iFrameURL is :{0}", iFrameURL);

    }

    public static string CalculateMD5Hash(string input)

```

```
{  
    // step 1, calculate MD5 hash from input  
    MD5 md5 = System.Security.Cryptography.MD5.Create();  
    byte[] inputBytes = System.Text.Encoding.ASCII.GetBytes(input);  
    byte[] hash = md5.ComputeHash(inputBytes);  
  
    // step 2, convert byte array to hex string  
    StringBuilder sb = new StringBuilder();  
    for (int i = 0; i < hash.Length; i++)  
    {  
        sb.Append(hash[i].ToString("X2"));  
    }  
    return sb.ToString();  
}  
}
```

Embed offerwall iframe

Creating your Rewards Center iFrame is easy and simple. You just need a page with enough space to run it on your webpage/webapp.

You'll need to dynamically generate the Rewards Center link based on the RapidoReach UID. This ensures that every user gets the right credit for their activity. First generate the RapidoReach UID using a script on the server, and pass that to the website.

Embed the iframe

Append the dynamically generated User ID to the end of the User Greeting. userGreeting =

<https://www.rapidoreach.com/offerwall/?userId=> Example:

Join User Greeting with the RapidoReach UID:

```
https://www.rapidoreach.com/offerwall/?userId= + 597a0ed87760ae04c29975ee-1sJ57hgit-838ab4b72d221a585af8b4be7a540234
```

Becomes User Greeting URL:

```
https://www.rapidoreach.com/offerwall/?userId=597a0ed87760ae04c29975ee-1sJ57hgit-838ab4b72d221a585af8b4be7a540234
```

Enclose your User Greeting URL in the iframe tags as shown below:

```
<!-- Template -->
<iframe src="{{userGreetingURL}}" width="880px" height="2500px" frameborder="0" scrolling="no"
name="RewardsCenter"></iframe>
```

```
<!-- Sample Iframe -->
<iframe src="https://www.rapidoreach.com/offerwall/?userId=597a0ed87760ae04c29975ee-1sJ57hgit-838ab4b72d221a585af8b4be7a540234" width="880px" height="2500px" frameborder="0" scrolling="no"
name="RewardsCenter"></iframe>
```