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# **Linkify Documentation**

***Release 1.0.0***

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November 01, 2014



<b>1</b>	<b>Developer Support</b>	<b>3</b>
1.1	Customize Linkify Application . . . . .	3
1.2	Embed to iOS App . . . . .	8
1.3	Embed to Android App . . . . .	11
1.4	Embed to Titanium App . . . . .	12
1.5	Embed to Web pages . . . . .	13
1.6	Using Google AdSense for search . . . . .	13
1.7	Using Amazon Associates . . . . .	16
1.8	Using eBay Partner Network . . . . .	18
1.9	Using Linkify as Bookmarklet . . . . .	21
1.10	FAQ . . . . .	21



Linkify is a breakthrough way to search on mobile devices. Users can access data right at their fingertips, without having to go elsewhere. Just by tapping on the link, a widget appears right on the spot. Once the widget is closed, users resume reading the original article – without any disruption.

Integrating Linkify into your app is easy. You can install Linkify into your iOS, Android, Titanium, or web apps by copying and pasting in a few lines of code. Once you've added your code, Linkify handles everything else.

Linkify helps you monetize your apps. For developers, this introduces a brand new way of placing ads inside content, without using unattractive banners that reduce screen real estate or interfere with the UI. Linkify currently supports monetization using [Google AdSense for search](#) and [Amazon Associates](#).

Requesting features is most welcomed! Please contact us with your suggestions or ideas to help us improve Linkify!

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## Developer Support

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This documentation includes pages below:

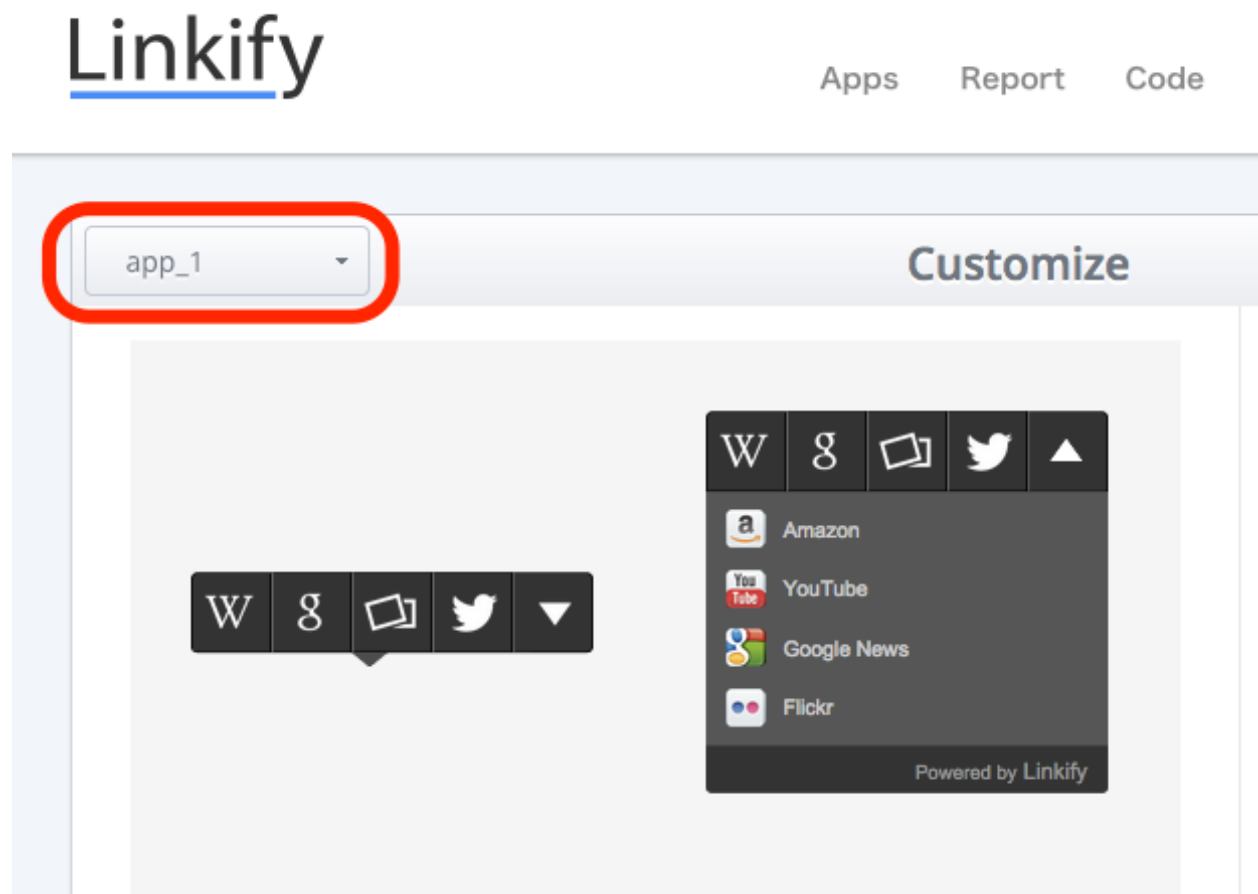
### 1.1 Customize Linkify Application

#### 1.1.1 Introduction

You can customize how the generated links and the widgets look like. All ready to match your own applications' design themes.

#### 1.1.2 Select an Application

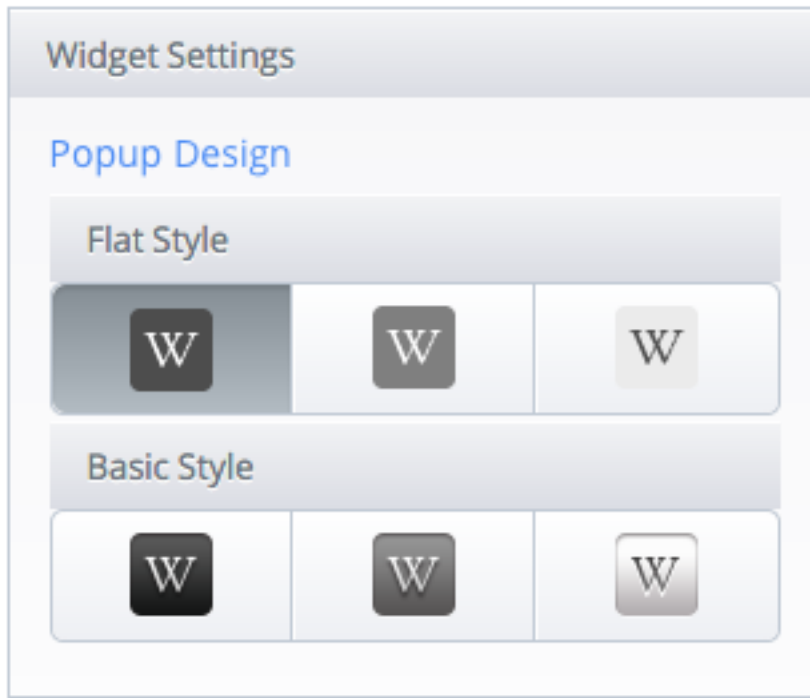
First of all, please select the target application you want to customize. You can select the application from the drop down menu on upper left corner of the customize page.



### 1.1.3 Customize Widget Settings

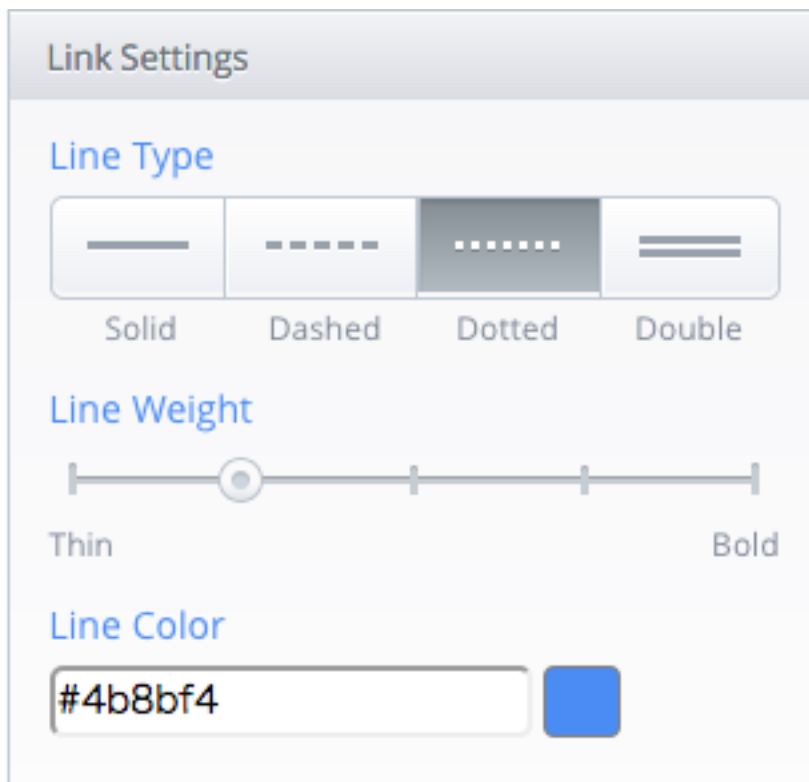
You can customize your widget's popup design depending on your taste. Popup design can be chosen 3 types from both *Flat Design* and *Basic Design*. Click and check how it looks like in the preview screen on the left hand side.





### 1.1.4 Customize Link Settings

Click *Link Settings* tab and you can start customizing the line settings. Customizable settings are *Line Type*, *Line Weight* and *Line Color*. Appearance of each settings can be checked in the preview screen on the left hand side.



## Customize Line Type

You can choose 4 types of underline. Click the best line type that suites your application.

- Solid
- Dashed
- Dotted
- Double

## Customize Line Weight

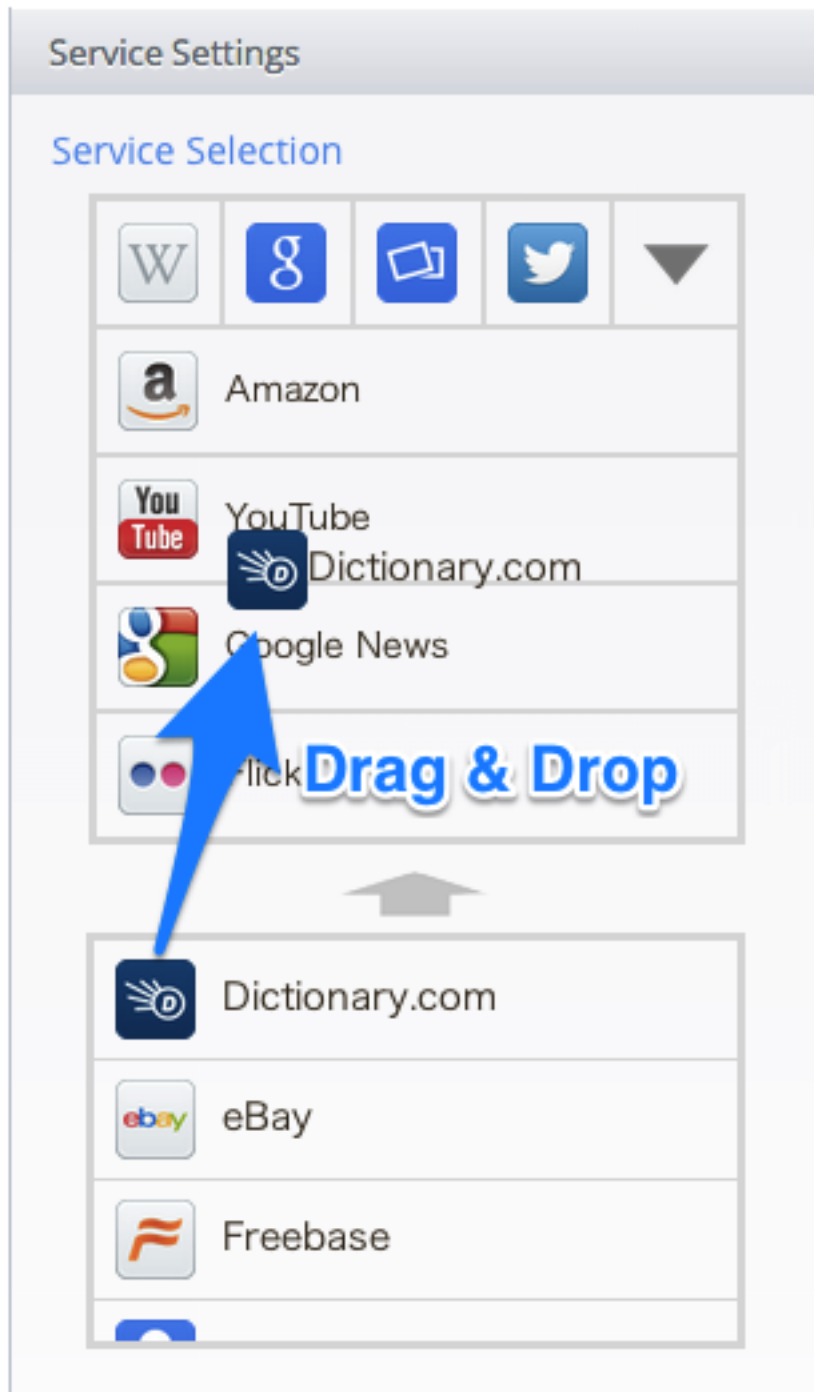
Line weight can be adjusted in 5 stage. *Click* the stage or *Drag* the marker in order to customize your line weight.

## Customize Line Color

To customize *Line Color* click the textbox or color icon next to it. You can select the color of your choice by managing the colorpicker or inserting hexadecimal color value into the textbox.

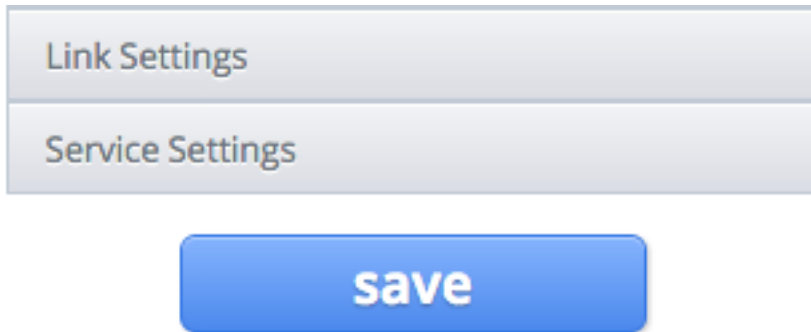
## 1.1.5 Customize Widget Service

Click the *Service Settings* tab to customize your widget service. Services displayed in Linkify widget can be customized. To exchange the service, drag and drop the service from the list below to the upper pallet.



### 1.1.6 Save Settings

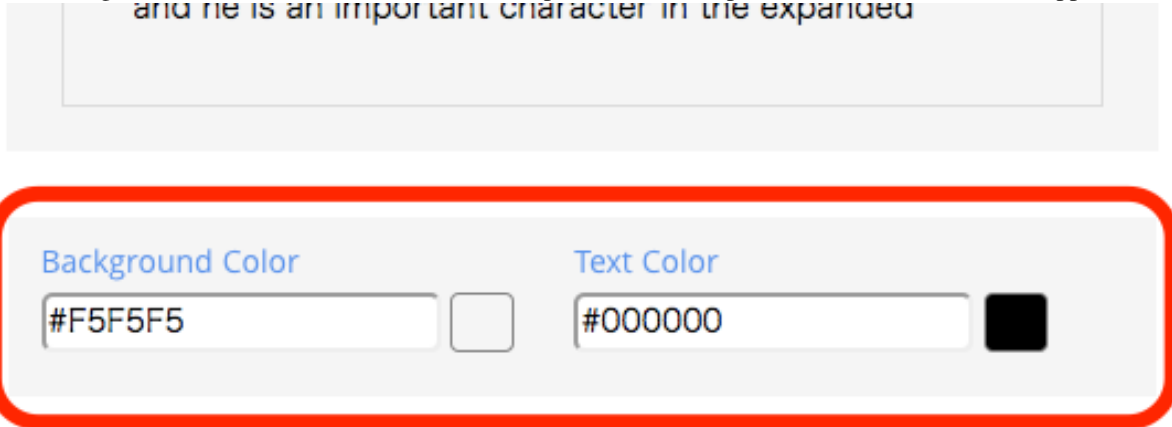
Click the blue *save* button and the customization is finished. Please notice that the settings will not be saved unless this save button is clicked.



The image shows two tabs: 'Link Settings' and 'Service Settings'. Below the tabs is a blue button with the text 'save'.

### 1.1.7 Preview Settings

It might be hard to imagine how Linkify widget looks like in your websites or applications. You can change preview screen's background color and text color. Use the colorpicker below the preview screen and check the appearance.



The image shows a preview screen with a light gray background and a thin black border. Below the preview screen is a color picker interface. The color picker has two sections: 'Background Color' and 'Text Color'. The 'Background Color' section has a text input field containing '#F5F5F5' and a small square color swatch. The 'Text Color' section has a text input field containing '#000000' and a small square color swatch. The entire color picker interface is highlighted with a thick red border.

## 1.2 Embed to iOS App

### 1.2.1 Add a Script Tag

All you need to do to integrate Linkify into your app is to simply inject the script tag below into the HTML header of a web page.

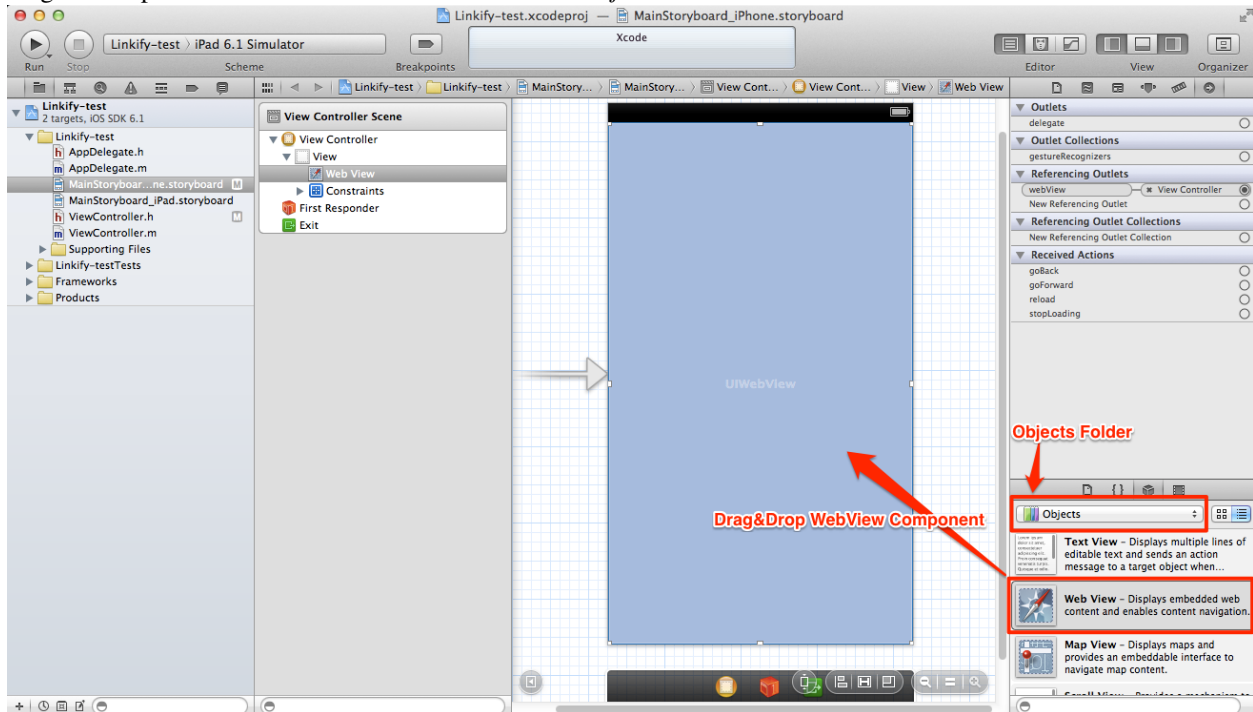
```
<script type="text/javascript"
  src="http://www-static.linkify.mobi/api/linkify.js?key=YOUR_API_KEY">
</script>
```

### 1.2.2 Example of a Webview Application

We will show you an example of how to make an iOS WebView application with Linkify. We will insert JavaScript code to integrate Linkify into your application. This time, we will use *Yahoo! News* as an example.

## Add WebView

Now, we will use a *Single View Application* as a template. To add a WebView, just choose the storyboard file, then drag and drop the WebView UI that is included in the *Objects* folder.



## Modify View Controller

In *ViewController*, you have to first define the *WebView*. The code below is an example of *ViewController.h*.

```
@interface ViewController : UIViewController {
    IBOutlet UIWebView *webView;
}
```

The code below is an example of two methods in *ViewController.m*. What the *viewDidLoad* method does is simply as just requesting a certain URL (e.g., Yahoo! News). In the *webViewDidFinishLoad* method, use *stringByEvaluatingJavaScriptFromString* method to load the JavaScript which inserts a Linkify script tag into the HTML header. We recommend copy & pasting the *stringByEvaluatingJavaScriptFromString* method from the Linkify page since there exists an environment variable, *YOUR\_API\_KEY* inside the code below.

```
@interface ViewController ()
@end

@implementation ViewController

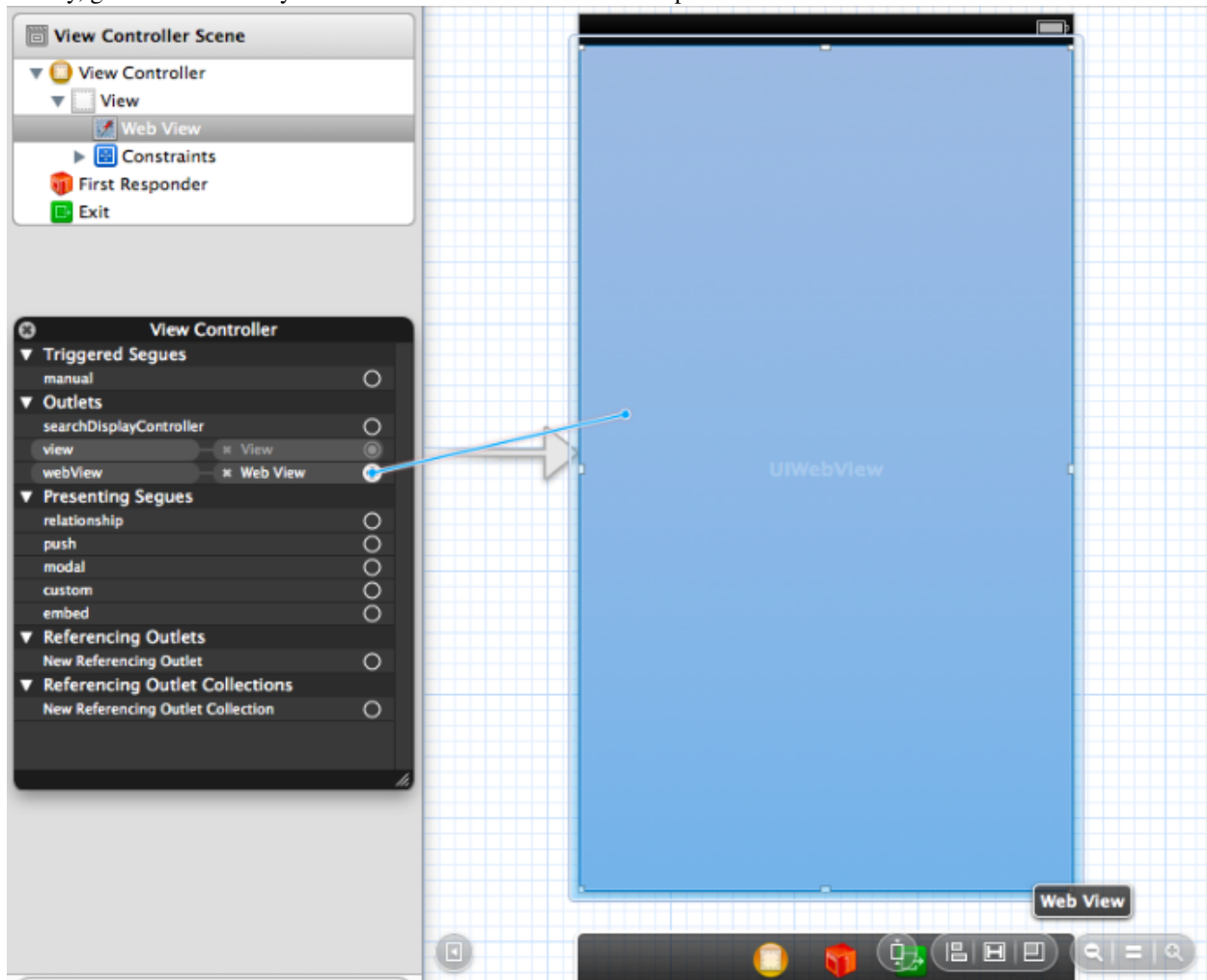
- (void)viewDidLoad
{
    [super viewDidLoad];
    NSURLRequest* req = [NSURLRequest requestWithURL:[NSURL URLWithString:@"http://news.yahoo.com"]];
```

```
[webView loadRequest:req];
webView.delegate = self;
}

- (void)webViewDidFinishLoad:(UIWebView *)view
{
    [webView stringByEvaluatingJavaScriptFromString:@"(function(){if(!window.linkified){var d=document,
```

## Link WebView Component

Finally, go back to the storyboard file and link the WebView component as shown below.



### 1.2.3 Downloads

[Here](#) is the extended version code of the iOS application that we have just introduced. The code is for *iOS 7*.

## 1.3 Embed to Android App

### 1.3.1 Add a Script Tag

All you need to do to integrate Linkify into your application is to simply inject the script tag below into the HTML header of a web page.

```
<script type="text/javascript"
  src="http://www-static.linkify.mobi/api/linkify.js?key=YOUR_API_KEY">
</script>
```

### 1.3.2 Example of WebView Application

We will show an example of how to integrate Linkify into your Android WebView application. We will inject the JavaScript code to a web page (we will use *Yahoo News!* as an example).

#### Add WebView

To add a WebView into your application, simply include the `<WebView>` element in your activity layout that is placed in `res/layout/activity_main.xml`. The code below will add a WebView on your screen.

```
<?xml version="1.0" encoding="utf-8"?>
<WebView
  xmlns:android="http://schemas.android.com/apk/res/android"
  android:id="@+id/webview"
  android:layout_width="fill_parent"
  android:layout_height="fill_parent"
/>
```

#### Allow Internet Access

Since WebView requires Internet access, you will need to enable Internet access by adding the following codes in your manifest file, which is placed in `AndroidManifest.xml`.

```
<manifest ... >
  <uses-permission android:name="android.permission.INTERNET"/>
</manifest>
```

#### Java Activity

Here is an example of a Java Activity showing how to load the WebView and integrate Linkify. Before loading any web page, make an instance of WebView and enable the JavaScript. Then, set up the WebView client to integrate Linkify by injecting the JavaScript URL. Finally, load Yahoo! News.

Notice that in the example below, we have loaded Linkify right after the application loaded. You may edit it to start Linkify by pressing some kind of button or any kind of actions. We recommend copy & pasting the `setWebViewClient` method from the Linkify page since there exists an environment variable, `YOUR_API_KEY` inside the code below.

```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
```

```
setContentView(R.layout.activity_main);

final WebView webView = (WebView) findViewById(R.id.webView);

WebSettings webSettings = webView.getSettings();
webSettings.setJavaScriptEnabled(true);
webView.setWebViewClient(new WebViewClient() {
    @Override
    public void onPageFinished(WebView view, String url) {
        view.loadUrl("javascript:(function(){if(!window.linkified){var d=document,s=d.createElement('s
    })
});
webView.loadUrl("http://news.yahoo.com");
}
```

### 1.3.3 Downloads

Here is the code of the Android application that we have introduced above.

## 1.4 Embed to Titanium App

### 1.4.1 Add a Script Tag

All you need to do to integrate Linkify into your application is to simply add the script tag below in the HTML header of a web page.

```
<script type="text/javascript"
  src="http://www-static.linkify.mobi/api/linkify.js?key=YOUR_API_KEY">
</script>
```

### 1.4.2 Example of a WebView Application

We will show an example of how to integrate Linkify into your Titanium WebView application. We will inject the JavaScript URL to a web page (we will use *Yahoo News!* as an example).

#### Creating an Application

To make a WebView application, choose *Default Project* when making the Titanium Project.

#### Application File

Here's an example of the `app.js` file. First, create a `window` instance. Next, create a `webView` instance containing the URL you want to show (e.g., Yahoo! News). Then, add the event listener to the `webView` so when it is loaded, the JavaScript URL will be added to the HTML header. Finally, add the `webView` instance into the `window`. The `open` method will open the web page! Notice that in the example below, we have loaded Linkify right after the application loaded. You may edit it to start Linkify by pressing a button or any kind of actions. We recommend copy & pasting the `addEventListener` method from the Linkify page since there exists an environment variable, `YOUR_API_KEY` inside the code below.



```
var window = Titanium.UI.createWindow();
var webView = Titanium.UI.createWebView({url:"http://news.yahoo.com"});

webView.addEventListener('load', function() {
    webView.evalJS(
        "(function(){if(!window.linkified){var d=document,s=d.createElement('script');s.type='text/javascript';
        });
    });

window.add(webView);
window.open();
```

### 1.4.3 Downloads

Here is the code of the Titanium application that we have just introduced.

## 1.5 Embed to Web pages

### 1.5.1 Add a script tag

All you need to do to integrate Linkify into your web page is to simply add the Linkify script tag inside the <HEAD> tag of your web page. A Linkified web page HTML would look pretty much like the source code below.

```
<html>
  <head>
    <http-equiv="Content-Type" content="text/html; charset=utf-8">
    <title>Linkify Test Page</title>
    <script type="text/javascript" src="http://www-static.linkify.mobi/api/linkify.js?key=YOUR_API_KEY">
    </script>
  </head>
  <body>...</body>
</html>
```

## 1.6 Using Google AdSense for search

### 1.6.1 Introduction

Google AdSense for search is a service that will help you monetize your apps by users looking at Google search engine's advertisements based on the user's searching keywords.

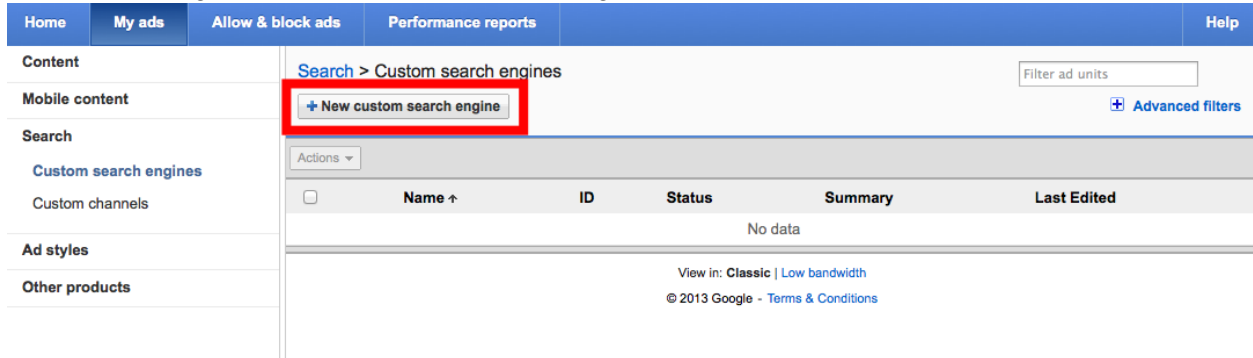
The process of making Linkify work with Google AdSense for search replaces the Google custom search engine with a Google link on the Linkify's widget.

This section of the documentation covers how to use Google AdSense for search with Linkify. If you do not already have a Google AdSense account, please register to Google AdSense at [this page](#).

### 1.6.2 Create Custom Search Engine

To use Linkify with Google AdSense, you have to create a Google custom search engine.

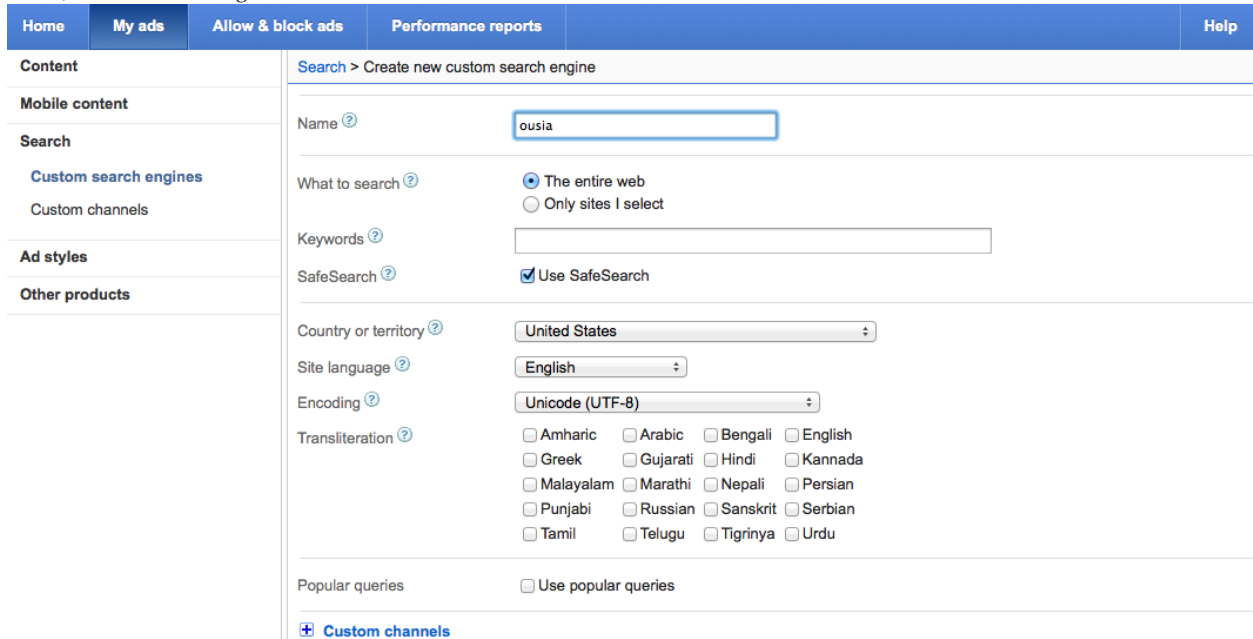
On the Google AdSense for search's page, sign in, and click *My ads*. Then, from the left-hand side, select *Search*, *Custom search engines* and click *New custom search engine* button.



We recommend the following options for the Google custom search engine:

- *What to Search:* The entire web
- *Country or territory:* Your region
- *Site language:* English

Then, click *Save and get code*.



Use your custom search engine's ID displayed in the red frame for the next step.

## Search Box Code



✓ Search box code successfully generated

You can paste this code into [any webpage or website](#) that complies with our [program policies](#).

Search box code



```
<form action="http://www.google.com" id="cse-search-box">
  <div>
    <input type="hidden" name="cx" value="partner-
pub-*****:*****" />
    <input type="hidden" name="ie" value="UTF-8" />
    <input type="text" name="q" size="55" />
    <input type="submit" name="sa" value="Search" />
  </div>
</form>

<script type="text/javascript" src="http://www.google.com/coop/cse
/brand?form=cse-search-box&lang=en"></script>
```

For more help with implementing the code, please see our [Code Implementation Guide](#).

[+ View AdSense policies](#)

Close

### 1.6.3 Create Your Google AdSense for Search URL Pattern

Enter the ID in the generator below to get the URL pattern to use with Linkify.

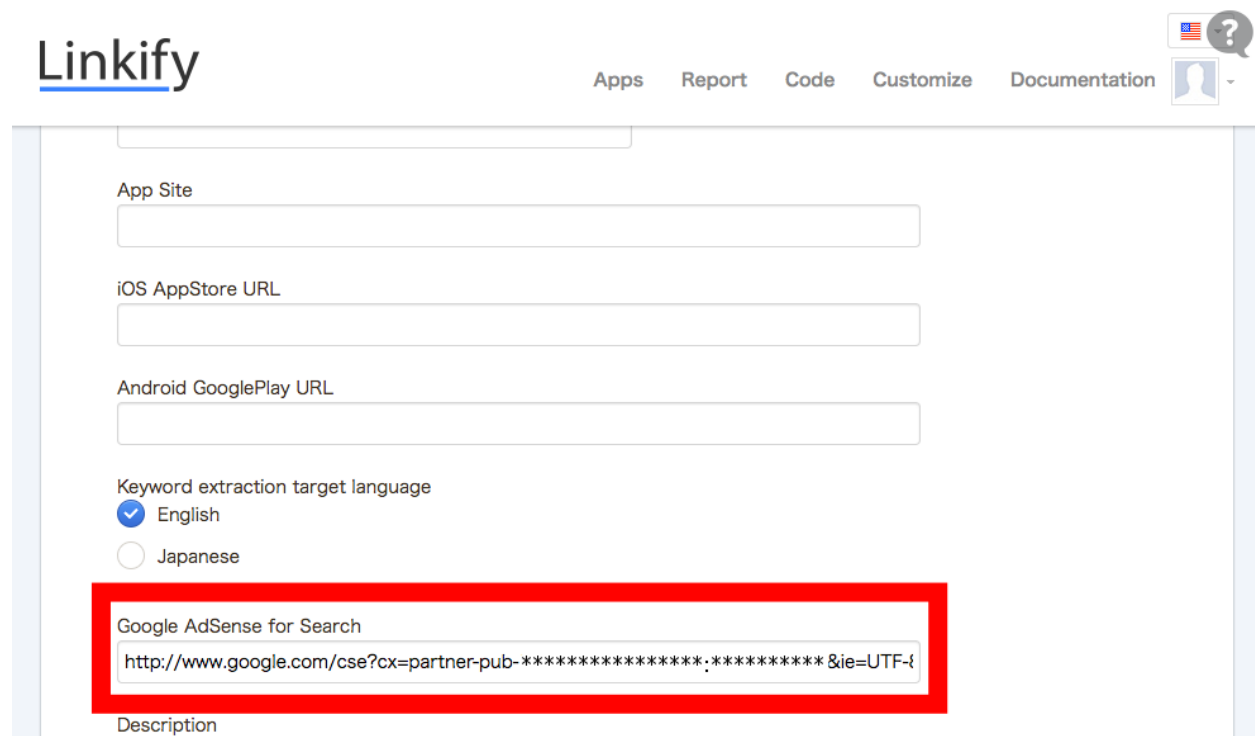
#### Google AdSense ID

You have to copy the URL below to start monetizing your app.

#### Your URL

### 1.6.4 Create Linkify App

Select *Apps* on the page's top, and click *Add App*. If you would like to edit apps that have already been created, select that application, and click *Edit*. Input your URL pattern in the *Google AdSense for search* box.



Linkify

Apps Report Code Customize Documentation

App Site

iOS AppStore URL

Android GooglePlay URL

Keyword extraction target language

☒ English

☐ Japanese

Google AdSense for Search

http://www.google.com/cse?cx=partner-pub-\*\*\*\*\*:\*\*\*\*\* &ie=UTF-8

Description

When you click *Add New App*, the set up for using Linkify with Google AdSense for search will be complete.

Please note that it can take up to 1 hour for the process of making Linkify work with Google AdSense for search to take effect.

## 1.7 Using Amazon Associates

### 1.7.1 Introduction

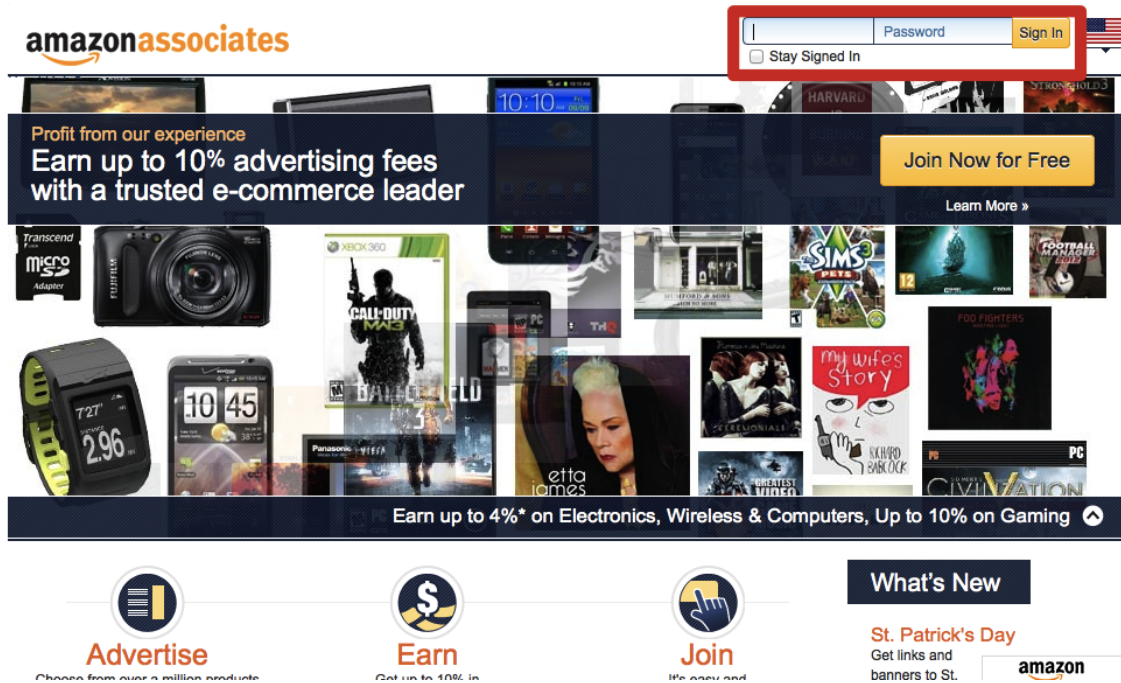
[Amazon Associates](#) is a service that will help you monetize your websites and apps by inserting Amazon's affiliated links into them.

Linkify lets you manage this monetization by binding your Amazon Associates ID to the Linkify Amazon link in the Linkify widget.

This section of the documentation covers how to use Amazon Associates with Linkify. If you do not have an Amazon associates account, please register to Amazon Associates on [this page](#).

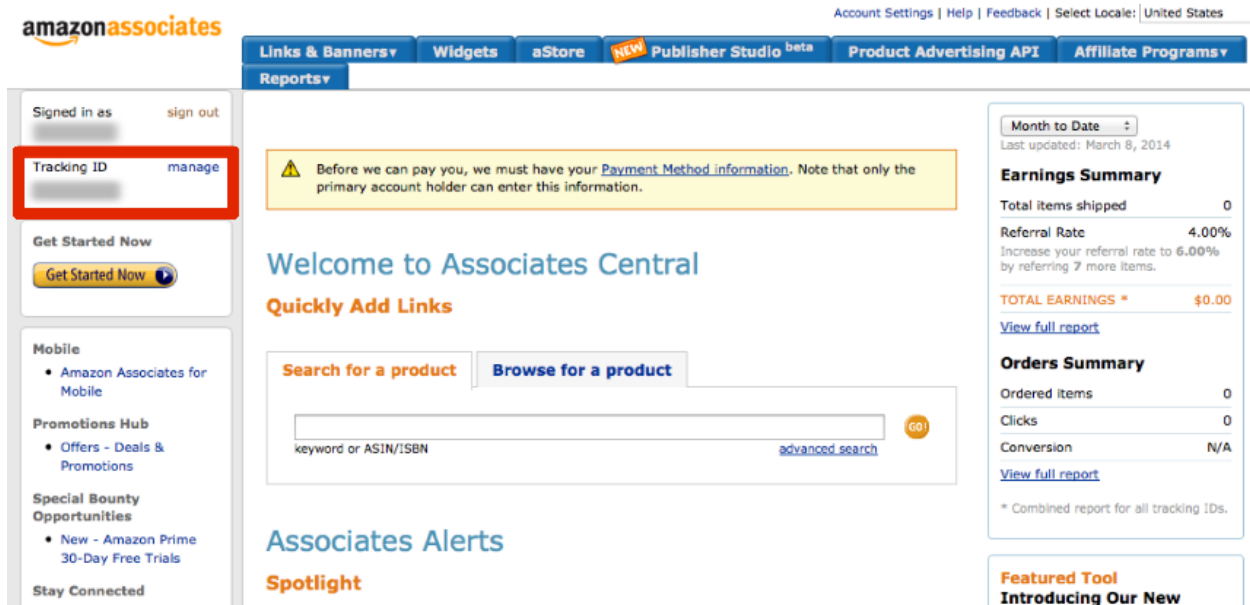
### 1.7.2 Amazon Associates ID

If you have an Amazon Associates account, please sign in by inputting your address and password in the red frame on [this page](#).



The image shows the Amazon Associates homepage. At the top left is the "amazonassociates" logo. To the right is a login box with fields for "Password" and a "Sign In" button, and a checkbox for "Stay Signed In". Below the login box is a large banner with the text "Profit from our experience Earn up to 10% advertising fees with a trusted e-commerce leader" and a "Join Now for Free" button. The banner features various product images including a Transcend microSD card, a Fujifilm camera, a Call of Duty game box, a Fitbit fitness tracker, a smartphone, a PlayStation 3, a Sims 3 game box, a My Wife's Story book, and a Civilization game box. Below the banner is a section with three icons: "Advertise" (a bar chart), "Earn" (a dollar sign), and "Join" (a hand pointing). To the right of these icons is a "What's New" section with a "St. Patrick's Day" promotion and an Amazon logo.

Then, copy your *Tracking ID* in the red frame on the upper left of the page.

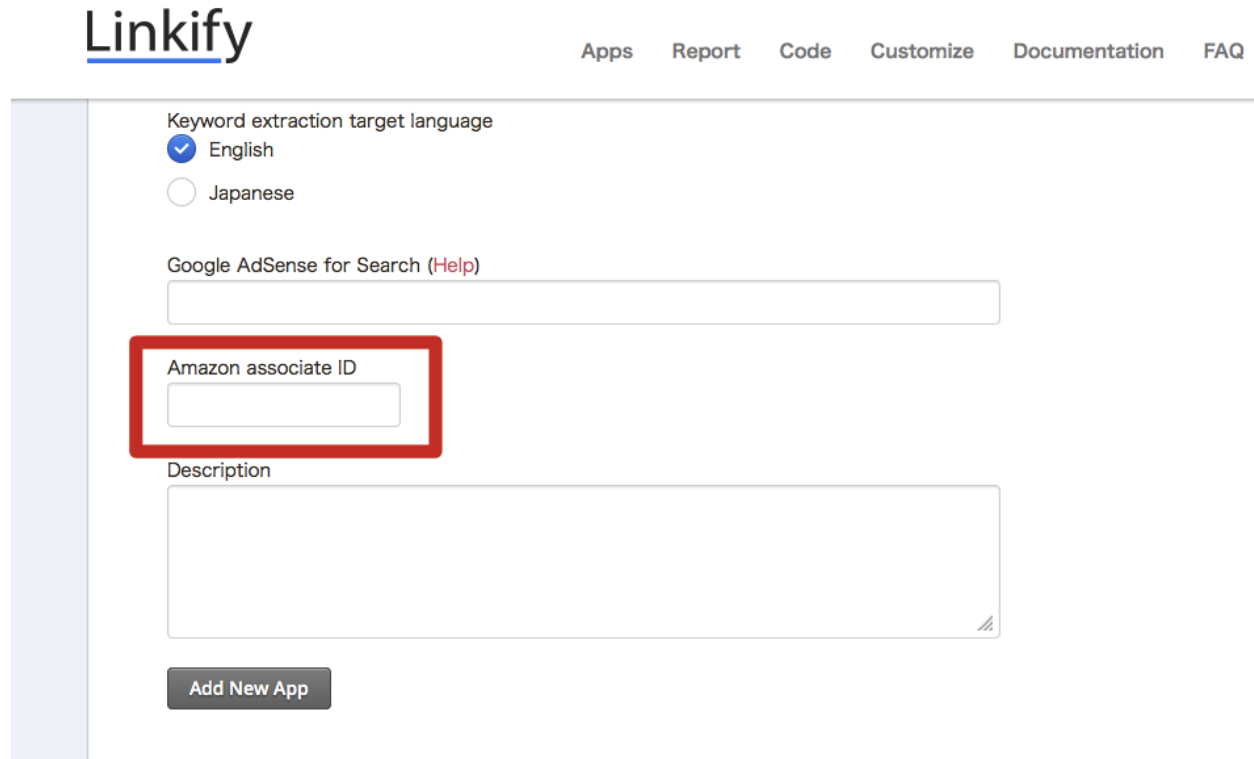


The image shows the Amazon Associates Central dashboard. At the top left is the "amazonassociates" logo. To the right is a navigation bar with links: "Links & Banners", "Widgets", "aStore", "NEW Publisher Studio beta", "Product Advertising API", and "Affiliate Programs". Below the navigation bar is a "Signed in as" section with a "sign out" link. To the right of this is a "Tracking ID" section with a "manage" link, which is highlighted by a red rectangle. Below the "Tracking ID" section is a "Get Started Now" button. To the right of the "Tracking ID" section is a "Welcome to Associates Central" section with a "Quickly Add Links" section. Below the "Quickly Add Links" section is a "Search for a product" and "Browse for a product" section. To the right of the "Search for a product" section is a "Month to Date" section with a "Last updated: March 8, 2014" date. Below the "Month to Date" section is an "Earnings Summary" section with a "TOTAL EARNINGS" of "\$0.00". To the right of the "Earnings Summary" section is an "Orders Summary" section with a "View full report" link. Below the "Orders Summary" section is a "Featured Tool" section with a "Introducing Our New" link.

### 1.7.3 Create Linkify App

After copying your tracking ID, please login to [Linkify](#) .

Select the *Apps* tab at the top of the page, and click *Add App*. If you would like to bind apps that have already been created, select the required application, and click *Edit*. Paste the tracking ID you have copied into the *Amazon associate ID* box.



The screenshot shows the Linkify web interface. At the top, the Linkify logo is on the left, and navigation links for 'Apps', 'Report', 'Code', 'Customize', 'Documentation', and 'FAQ' are on the right. The main content area is titled 'Keyword extraction target language' and has two radio buttons: 'English' (selected) and 'Japanese'. Below this is a text input field for 'Google AdSense for Search (Help)'. The 'Amazon associate ID' field is highlighted with a red rectangular box. Below that is a larger text area for 'Description'. At the bottom of the form is a dark grey button labeled 'Add New App'.

Finally click *Add New App*. You are now set up to use Linkify with Amazon Associates.

## 1.8 Using eBay Partner Network

### 1.8.1 Introduction

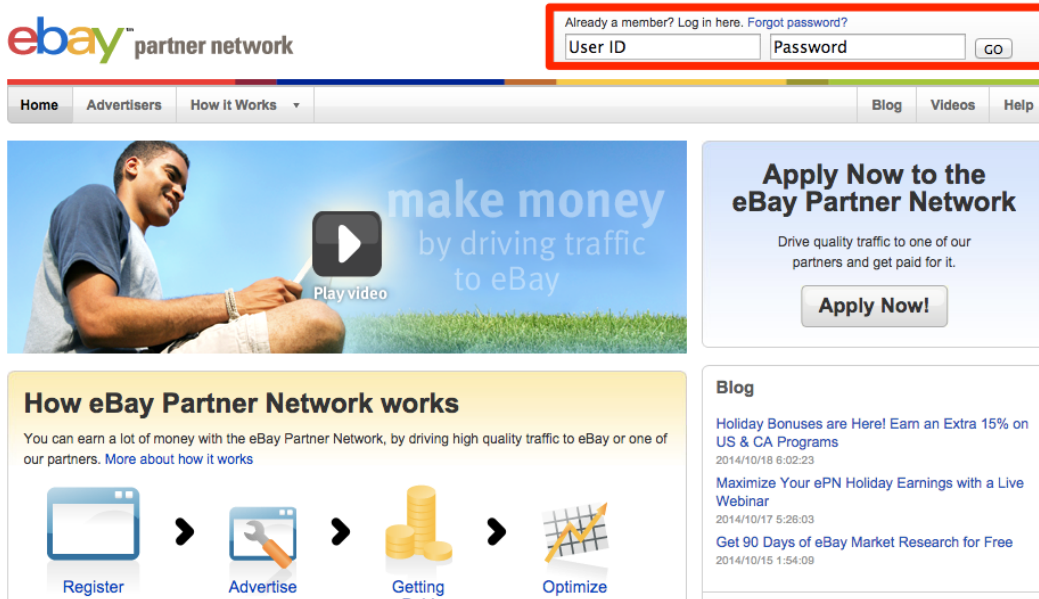
[eBay Partner Network](#) is a service that will help you monetize your websites and apps by inserting eBay's affiliated links into them.

Linkify lets you manage this monetization by binding your eBay Campaign ID to the Linkify eBay link in the Linkify widget.

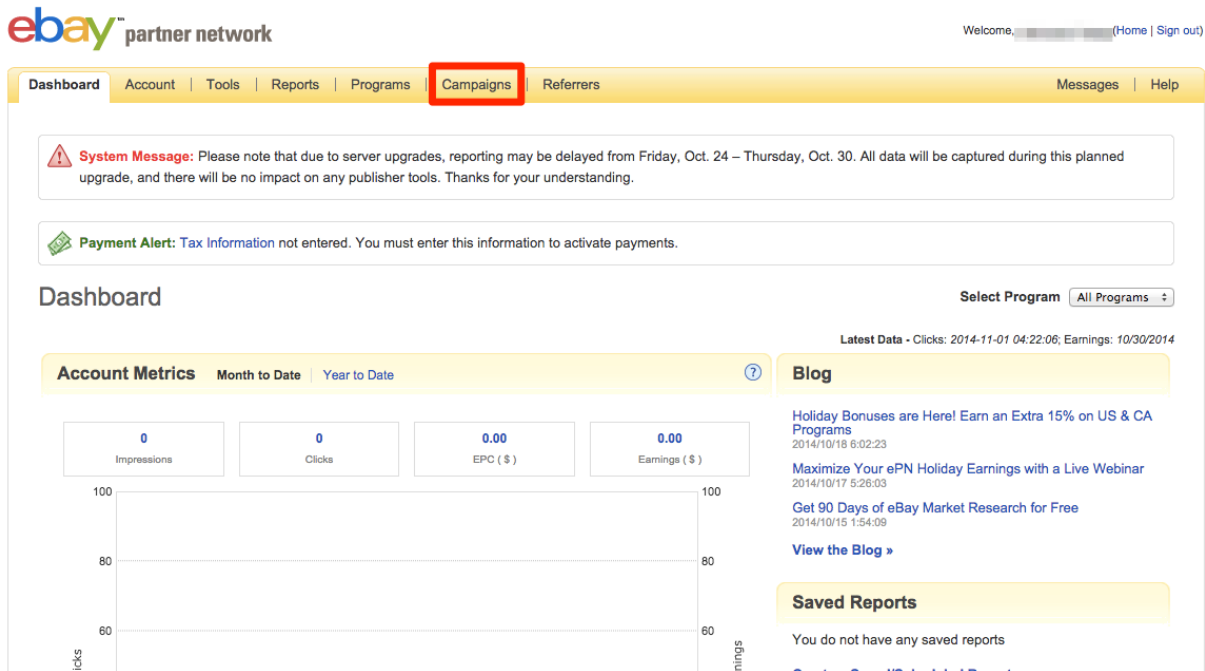
This section of the documentation covers how to use eBay Partner Network with Linkify. If you do not have an eBay Partner Network account, please register to eBay Partner Network on [this page](#) .

## 1.8.2 eBay Campaign ID

If you have an eBay Campaign ID, please sign in by inputting your address and password in the red frame on [this page](#).



Click the *Campaign* tab and to check the *Campaign ID* you want to use.



Then, copy your target *Campaign ID* in the red frame in the campaign list.

## Campaigns - Active

Campaign List		
Campaign Id	Campaign	Campaign Description
<div></div>	<div></div>	

### 1.8.3 Create Linkify App

After copying your Campaign ID, please login to [Linkify](#) .

Select the *Apps* tab at the top of the page, and click *Add App*. If you would like to bind apps that have already been created, select the required application, and click *Edit*. Paste the Campaign ID you have copied into the *eBay Campaign ID* box.

Linkify

AppsReportCodeCustomizeDocumentationFAQ

☐ Japanese

Google AdSense for Search [\(Help\)](#)

Amazon associate ID

eBay affiliate ID

Description

Update App



Finally click *Add New App*. You are now set up to use Linkify with eBay Partner Network.

## 1.9 Using Linkify as Bookmarklet

### 1.9.1 Introduction

By using [bookmarklet](#), you can easily start to use Linkify in your browser. Linkify's bookmarklet currently supports Webkit-based browsers (e.g., iOS Safari, Android browsers, Google Chrome, and Safari).

You can register the bookmarklet into your browser simply by drag and drop the button below to the bookmark bar.

Now you are ready to try Linkify using bookmarklet. When you click the Linkify's bookmarklet, the web page will be processed by Linkify and keywords are automatically converted into links.

## 1.10 FAQ

### 1.10.1 The Basics

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#### What is Linkify?

Linkify is a tool that enables publishers to give users an enhanced way to rapidly get relevant information as they read and consume content. Linkify automatically links hot keywords that then become searchable for people, places, and things with just one tap. Linkify uses its own intelligent keyword selection engine that automatically generates relevant links based on content. Linkify aims to make finding relevant information on smartphones and tablets faster and smarter while improving the user's overall reading experience.

#### What can I do with Linkify?

Using Linkify, hotlinks will be automatically generated based on the words within an app, or on a webpage such as a news site or blog. Tapping on those links will pop up services such as Wikipedia, Google, YouTube, etc.. Users can search for additional information.

#### Who is the intended audience of the Linkify?

The benefits Linkify delivers will appeal to readers of news sites, blog reader apps and many mobile apps and webpages that offer or present text-based information to customers.

#### Do you have an example that demonstrates how to use of Linkify?

Please check the documentation by clicking [Introduction](#).

## 1.10.2 Getting Started

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### What do I need in order to access Linkify?

Linkify requires an account with any of these services: Twitter, Facebook, Google, or GitHub. For details, please visit the [following page](#) .

### How do I get started?

1. Sign in top right hand corner.
2. From the admin screen, you'll need to register the app / webpage for which you want to use Linkify.
3. Select the style of the links and the widgets.
4. Copy the JavaScript into your mobile app or webpage.

### How long does it typically take to integrate Linkify?

Just one step really. Simply copy and paste the JavaScript code away.

### How much does it cost to use Linkify?

Nothing – Linkify is free.

## 1.10.3 Platforms / Languages Supported

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### What mobile platforms are supported?

Linkify is currently available for the Android platform, iOS platform and Titanium Mobile platform.

### What programming languages can I use to develop with Linkify?

Programming languages supported include: Objective-C for iOS, Java for Android, JavaScript for Titanium, and HTML pages. For more details, please visit [Introduction](#) .

### What languages do you support?

Linkify supports English and Japanese. However, you can only select one of these languages at a time.

## 1.10.4 Reporting and Other Services

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### What support services are available?

Wikipedia, Google Search, Google Image Search, Twitter Search, YouTube Search, Google News Search, Flickr Search, and Tumblr Search. For Google Search, developers can also select AdSense for Search, which will help monetization for the app or webpage.

### What type of reporting and/or analytic reporting are available?

You will see the daily / weekly / monthly page views of pages using Linkify within the admin screen.

## 1.10.5 Technical Topics

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### Why do configuration changes of widget/app take no effect?

Linkify caches customized JavaScript not to slow down your application performance. Please wait for about an hour at maximum to refresh JavaScript.

Please also check out [How It Works](#) , as it will help your understand Linkify.

[Go Back to Home](#)