

Windows SDK

Installation

Here's how to integrate our library into your app.

Requirements:

1. Visual Studio 2010 and above versions
2. Windows Phone SDK Silver Light 7.0 and above

Step 1. Get the code

First, get the SDK code by extracting the zip file

Step 2. Add Reference our SDK Library into your app

If you just want to use our SDK library, add reference to SDK library WindowsSDK_Lib.dll and Newtonsoft.Json.dll into your app using windows IDE.

Step 3. Use SDK codes

Use WindowsSDK_Lib into your project after referencing to this SDK, below is the keyword to use SDK library

```
Using WindowsSDK_Lib;
```

Step 4. Code for Ad Display

To Display the Ad you need to add the code structure into your project to invoke WindowsSDK_Lib.

Creating an object for invoking the Ad_View from the library file

```
Ad_ViewObj = new Ad_View();
```

Pass your zone_id generated from the publisher into library file to generate ad Zone_id will get passed to our server to fetch the ad formats along with its code tag

```
Obj.setZoneid("1");
```

Enable your webbrowser tag to script enabled, because we are invoking the Internet Explorer this by default the script disabled we have to enable the script.

Then pass our Response into your web browser tag to display the Ad in your Windows App.

Targeting Parameters for Ad Delivery – App Permissions

Sno	App Information	Pre-Defined Value
1	Windows Mobile Screen Width , Screen Height for windows 7	screenwidth , screenheight
2	Windows Mobile Display Width, Display Height for windows 7	displaywidth , displayheight
3	Manufacturer name for the delivered mobile for windows 7	model
4	Operating system and Operating system version	os , osv
5	Unique Device ID for windows 7	udid
6	Time zone for location	timezone
7	Detect Net Available for mobile device as WiFi or 3g or 2g etc.,	connectiontype
8	Sim Details carrier information display	Carrier

Custom Targeting Parameter:

Sno	Targeting parameter	Value	Example
1	Profile age targeting for windows 7	age	setAge("25")
2	Profile gender targeting for windows 7	gender	setGender("male")
3	Profile color targeting for windows 7	color	setColor("fair")
4	Contextual targeting for windows 7	location	setLocation("http://www.w3.com")
5	Keyword targeting for windows 7	keyword	setKeyword("mov,books");

Show Ads

This section describes some of the code you'll write in order to show ads.

This document refers to something called a "zone ID". A zone ID is just a numeric ID used by SDK to identify a context within an app where advertisements can be shown. You'll need to obtain a zone ID from your SDK representative or your ad network. Without it, you won't be able to fetch and display ads.

Banners

You can configure your banner ad view using cs – c sharp files, with our library files, you have to create a class for invoking library functions and using the response you can deliver the ad in your web browser tag.

Sample code:

Code Format:

```
<phone:WebBrowserGrid.Row="1" Margin="21,252,12,0"
Name="webBrowser1"VerticalAlignment="Top" Height="148"/>
```

Ad Delivery :

```
Ad_ViewObj = newAd_View();//Create Object to library function
Obj.setZoneid("45");// Enter your zone id
Obj.setAge("25");// Enter profile age
Obj.setGender("male");// Enter profile gender
Obj.setColor("fair");// Enter profile color
adv.setKeyword("mov,books");// Enter keyword value
Obj.setLocation("http://www.w3schools.com");// Enter contextual or keyword value
StringAd_Request = Obj.getAd_Request (); // get generated ad for zoneid requested
webBrowser.IsScriptEnabled = true;// Enable web Browser script support
webBrowser.NavigateToString (Ad_Request);// Delivery Ad in your web Browser Element
```

If the web browser of your application needed a background you can set using below code

```
Obj.Background = "White";
```

AutoRefresh:

For ad rotate include the below code in code structure:

```
DispatcherTimer rotate = new DispatcherTimer ();
rotate.Interval = new TimeSpan(0, 0, 50); // int hours,intminutes,int seconds
rotate.Tick += new EventHandler(button1_Click);
rotate.Start();
```

After Installation –WindowsSDK_Demo_App:

1. Enter the zone id then click Preview button.



2. The requested banner will get delivered as shown below.

