MS Office Power Point Plugin

Pre-Request

* Visual Studio (I am working on VS-2013).
* MS Power Point (I am working on MS-Power Point 2013).

Assumptions

* I assume you have good knowledge about c#.

Index (What I am going to cover)

* How to set up power point plugin project in visual studio.
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How to set up power point plugin project in visual studio?

File => New Project => Templates => Visual C# => Office/Share Point => PowerPoint 2013 Add-In

Check screenshot => Project Setup

How to show your plugin in power point plugin tab?

For this you to create a ribbon.

Right Click on your project => select add new item => Ribbon (XML)

Check screenshot => ribbon

After adding this, visual studio open a <ribbon name>.cs file and when you read the comment you will get to know what to do next.

Example

// TODO: Follow these steps to enable the Ribbon (XML) item:

// 1: Copy the following code block into the ThisAddin, ThisWorkbook, or ThisDocument class.

// protected override Microsoft.Office.Core.IRibbonExtensibility CreateRibbonExtensibilityObject()

// {

// return new Ribbon1();

// }

// 2. Create callback methods in the "Ribbon Callbacks" region of this class to handle user

// actions, such as clicking a button. Note: if you have exported this Ribbon from the Ribbon designer,

// move your code from the event handlers to the callback methods and modify the code to work with the

// Ribbon extensibility (RibbonX) programming model.

// 3. Assign attributes to the control tags in the Ribbon XML file to identify the appropriate callback methods in your code.

// For more information, see the Ribbon XML documentation in the Visual Studio Tools for Office Help.

1. So first you have to copy the code from first comment and paste it into ThisAddin class
2. Now we are adding a button in ribbon to trigger an event from PowerPoint

Paste this code into your xml or you can write your own code: D

<?xml version="1.0" encoding="UTF-8"?>

<customUI xmlns="http://schemas.microsoft.com/office/2009/07/customui" onLoad="Ribbon\_Load">

<ribbon>

<tabs>

<tab idMso="TabAddIns">

<group id="Mygroup" label="TestAdd-in" >

<button id="AddAnimationButton"

label="Check"

size="large"

getImage="GetImage"

supertip="Check"

enabled="true"

onAction="AddAnimationButtonClick"/>

</group>

</tab>

</tabs>

</ribbon>

</customUI>

Now run the program you can see one ADD-IN tab and inside this tab you can see one button named check.

Here you can see getImage tag calling a function "GetImage" to get the icon image, so how it’s working …

We have inbuilt resource file. This file can save any object in xml format.

So first we have to insert icon file in resource file.

Type resource in your solution explorer search box

Now you can see Resources.resx file open this file.

Click on Add Resources => add existing file add one image file.