**Cordova PageCurlPlugin for Android**

**Description** - PageCurlPlugin has been built on top of Cordova and it aims to provide page curl/turn effect on Android platform. Currently, this plugin demonstrates page curl effect with hard coded static data.

**Pre-requisites -**

1. You should have cordova already installed on your machine.
2. If not, please download/install the latest node.js setup and then install cordova module using node package manager.
3. Also, Android SDK should be available when invoking it through command prompt

**How to create a fresh cordova project -**

1. Open command prompt and navigate to directory where you want to setup your new project.
2. Execute below commands in sequence.
3. cordova create app2 com.infrasoft.PluginTester
4. cd app2
5. cordova platform add android
6. cordova build
7. Optional - cordova plugin add <path\_to\_your\_plugin>
8. Optional - cordova build – this will remove all js files in respective android platform directory that were added in step (E). So you have to remove and then add plugins again.

**How to add plugin to your existing cordova project -**

1. Extract the plugin zip file
2. Execute below cmd to add plugin -

cordova plugin add <path\_to\_your\_plugin\_directory>

OR

cordova plugin add <git\_url>

1. After adding plugin from cordova CLI, you should be able to see a newly created directory in plugins dir under app root directory.
2. New directory name will be "com.infrasoft.cordova.plugin". This is the id of our cordova plugin.

**How to remove plugin from your cordova project -**

1. Execute below cmd to remove plugin -

cordova plugin remove <cordova\_plugin\_id>

**How to invoke native plugin from your HTML page -**

1. Navigate to below url on your file system - /<app\_directory>/plugins/com.infrasoft.cordova.plugin/www
2. "page\_curl\_plugin.js" file should be present there.
3. You can copy this js file to some suitable location inside your www directory of your root project dir.
4. Copy below script tags to your index.html page. Be sure to update js path below that you updated in above step.

Let's say, we copy this js file to - <app\_root\_dir>/www/plugins/

<script type="text/javascript" src="cordova.js"></script>

<script type="text/javascript" src="plugins/page\_curl\_plugin.js"></script>

1. Finally, call "callPlugin()" method to invoke native code from your HTML page.

For instance, <button type="button" onclick="callPlugin()">Invoke plugin</button>

1. Build your cordova project using below cmd -

cordova build android

1. Run your app in emulator -

cordova emulate android