

# Using Cordova CLI Tools

## Outline

CLI Tools are available in PhoneGap Cordova 4.3 when you intend to administer the platforms.

## Description

You can add a project using PhoneGap Cordova CLI and administer the platform and PhoneGap plugin.

Add a Project

### **Add a Project**

Argument 1 is entitled 'hello' and followed by Argument 2 being either Android package or iOS Bundle ID. Argument 3 refers to the title of application.

```
$ cordova create hello com.example.hello HelloWorld  
Add a platform
```

### **Add a platform**

Use the command CD to move on to the project directory:

```
$ cd hello
```

Use Platform Add to generate a platform as desired. Note that eGovFramework supports iOS and Android only.

```
$ cordova platform add ios  
$ cordova platform add amazon-fireos  
$ cordova platform add android  
$ cordova platform add blackberry10  
$ cordova platform add firefoxos
```

Check the list of the platform that you have installed.

```
$ cordova platforms ls
```

Use the following command to delete platforms.

```
$ cordova platform remove blackberry10  
$ cordova platform rm amazon-fireos  
$ cordova platform rm android
```

## Building Cordova Applications

Use Argument **Build** to build the desired mobile OS platform.

```
$ cordova build ios
```

Use **prepare** to generate the cordova codes in the sub-directory `platforms/{os}`.

```
$ cordova prepare ios
```

```
$ cordova compile ios
```

Add plug-in

**Search plug-in**

`com.phonegap.plugins.barcodescanner` - Scans Barcodes

**Add PhoneGap plug-in**

Basic device information (Device API):

```
$ cordova plugin add org.apache.cordova.device
```

Network Connection and Battery Events:

```
$ cordova plugin add org.apache.cordova.network-information
```

```
$ cordova plugin add org.apache.cordova.battery-status
```

Accelerometer, Compass, and Geolocation:

```
$ cordova plugin add org.apache.cordova.device-motion
```

```
$ cordova plugin add org.apache.cordova.device-orientation
```

```
$ cordova plugin add org.apache.cordova.geolocation
```

Camera, Media playback and Capture:

```
$ cordova plugin add org.apache.cordova.camera
```

```
$ cordova plugin add org.apache.cordova.media-capture
```

```
$ cordova plugin add org.apache.cordova.media
```

Access files on device or network (File API):

```
$ cordova plugin add org.apache.cordova.file
```

```
$ cordova plugin add org.apache.cordova.file-transfer
```

Notification via dialog box or vibration:

```
$ cordova plugin add org.apache.cordova.dialogs
```

```
$ cordova plugin add org.apache.cordova.vibration
```

Contacts:

```
$ cordova plugin add org.apache.cordova.contacts
```

Globalization:

```
$ cordova plugin add org.apache.cordova.globalization
```

Splashscreen:

```
$ cordova plugin add org.apache.cordova.splashscreen
```

Open new browser windows (InAppBrowser):

```
$ cordova plugin add org.apache.cordova.inappbrowser
```

Debug console:

```
$ cordova plugin add org.apache.cordova.console
```

