

Install Plugman :

```
npm install -g plugman
```

Create Plugin project :

```
plugman create --name <pluginName> --plugin_id <pluginID> --plugin_version  
<version> --path <directory-where-plugin-should-be-created>
```

Folder Structure :

Plugin Project Directory

```
|_____ plugin.xml  
|_____ www  
|   |_____ <plugin-name>.js  
|_____ src  
|   |_____ ios  
|   |   |_____ <plugin-name>.h  
|   |   |_____ <plugin-name>.m
```

Plugin.xml :

```
<?xml version='1.0' encoding='utf-8'?>  
<plugin id="<plugin-id>"  
  version="0.0.1"  
  xmlns="http://apache.org/cordova/ns/plugins/1.0">  
  
  <name><plugin-name-here></name>  
  
  <js-module  
    name="<plugin-name-here>"  
    src="www/<plugin-name-here>.js">  
    <!--clobbers target is the name of the object that will be saved in window to  
call our iOS code like window.SampleIOSPlugin.echoSum—>  
    <clobbers target="<window-object-name-here>" />  
  </js-module>
```

```

    <platform name="ios">
      <config-file target="config.xml" parent="/*">
        <feature name="<plugin-name-here>">
          <param name="ios-package" value="<plugin-name-here>"
onLoad="true" />
        </feature>
      </config-file>
      <header-file src="src/ios/<plugin-name-here>.h"/>
      <source-file src="src/ios/<plugin-name-here>.m"/>
    </platform>

</plugin>

```

<plugin-name>.h :

```

#import <Cordova/CDVPlugin.h>

@interface <plugin-name-here> : CDVPlugin{
}

- (void) echoSum:(CDVInvokedUrlCommand *) command;

@end

```

<plugin-name>.m :

```

#import "<plugin-name-here>.h"

@implementation <plugin-name-here>

- (void) echoSum: (CDVInvokedUrlCommand *) command{
    NSNumber *variable1 = [command.arguments objectAtIndex:0];
    NSNumber *variable2 = [command.arguments objectAtIndex:1];

    int sum = variable1.intValue + variable2.intValue;

    NSLog(@"[echoSum] The sum is : %d",sum);
}

@end

```

<plugin-name>.js :

```
var exec = require('cordova/exec');

var PLUGIN_NAME = "<plugin-name-here>";

var <plugin-name-here> = {
  echoSum: function(firstInt,secondInt){
    exec(null, null, PLUGIN_NAME, 'echoSum', [firstInt,secondInt]);
  }
};

module.exports = <plugin-name-here>;
```

Add Plugin to Cordova project :

```
cordova plugin add <path-to-plugin-directory OR git-clone-repo-link> --save-dev
```

For example:

```
cordova plugin add https://github.com/sahajbhaikanhaiya/SampleIOSPlugin.git --save-dev
```

Call our method in JavaScript :

```
window.<plugin-name-here>.<function-name-here>(<pass-parameters-here>);
```

For example:

```
window.SampleIOSPlugin.echoSum(10,20);
```