



## **Mobile User Experience Monitoring Hybrid Apps - Cordova**

## **Steps for Bundling eG Mobile Agent with Application**

The following steps are required to bundle the 'eG Mobile Agent' into Hybrid apps(Cordova) to activate user experience monitoring. Cordova apps monitored using following components.

1. eGCordova Agent
2. eGJS Agent.

The above components need to be installed on the apps to activate mobile user experience.

### **1. How to Install eG Cordova Agent for Android Applications**

- a. Add 'eG-Hybrid' Apps Component into eG Manager Console and copy the token tied with this component.
- b. Run the below command from command prompt from application's root folder by replacing the values for ANDROID\_APP\_TOKEN and MANAGER\_URL parameters.

```
cordova plugin add @eginnovations/eginnovations-cordova-plugin --variable  
ANDROID_APP_TOKEN="xxxx-xxxxxxx-xxxxxxx" --variable MANAGER_URL="http://<host-  
ip>:7077" --variable LOG_LEVEL="6"
```

- c. Copy and paste the highlighted content as shown in the below screen shot into header section of mobile application's index.html page. Sample content as below

Category	All
Component type	Mobile RUM
Nick name	CordovaAndroid
Mobile RUM collector	Default Collector
Remote agent	192.168.11.136
Application type	Hybrid

To instrument your Hybrid Cordova apps using eG Hybrid Cordova agent

Download the PDF and follow the steps to inject eG Hybrid Android agent into your mobile apps:	<a href="#">egMobileAgent_Android_Installation_Hybrid-Cordova.pdf</a>	<a href="#">Download</a>
Download the PDF and follow the steps to inject eG Hybrid iOS agent into your mobile apps:	<a href="#">egMobileAgent_iOS_Installation_Hybrid-Cordova.pdf</a>	<a href="#">Download</a>
Download eG Hybrid Plugin for Cordova:	<a href="#">Hybrid_Cordova_Agent.zip</a>	<a href="#">Download</a>
Include this line into applications index.html to inject eG JS agent into your mobile apps	<pre>&lt;!-- RUM Header --&gt; &lt;script charset='UTF-8' type='text/javascript' window['egrum-start_time'] = new Date().getTime(); window['Site_Name'] = 'c64d7dca-23b4-41b2-a3ef-5238bb463c06-1600069486637'; window['beacon-url'] = 'http://192.168.11.136:7077'; &lt;/script&gt; &lt;script src='egmobilerum.js' async&gt; &lt;/script&gt;</pre>	

## **2. Build and Run the application**

Clean the project and Build the application. After successful build, run the application in an emulator or mobile device and login to eG manager application to start seeing data.

## 1. How to Install eG Cordova Agent for iOS Applications

- a. Add 'eG-Hybrid' Apps Component into eG Manager Console and copy the token tied with this component.
- b. Run the below command from command prompt from application's root folder by replacing the values for IOS\_APP\_TOKEN and MANAGER\_URL parameters.

```
cordova plugin add @eginnovations/eginnovations-cordova-plugin --variable  
IOS_APP_TOKEN="xxxx-xxxxxx-xxxxxx" --variable MANAGER_URL="http://<host-  
ip>:7077" --variable LOG_LEVEL="6"
```

- c. Copy and paste the highlighted content as shown in the below screen shot into header section of mobile application's index.html page. Sample content as below

To instrument your Hybrid Cordova apps using eG Hybrid Cordova agent

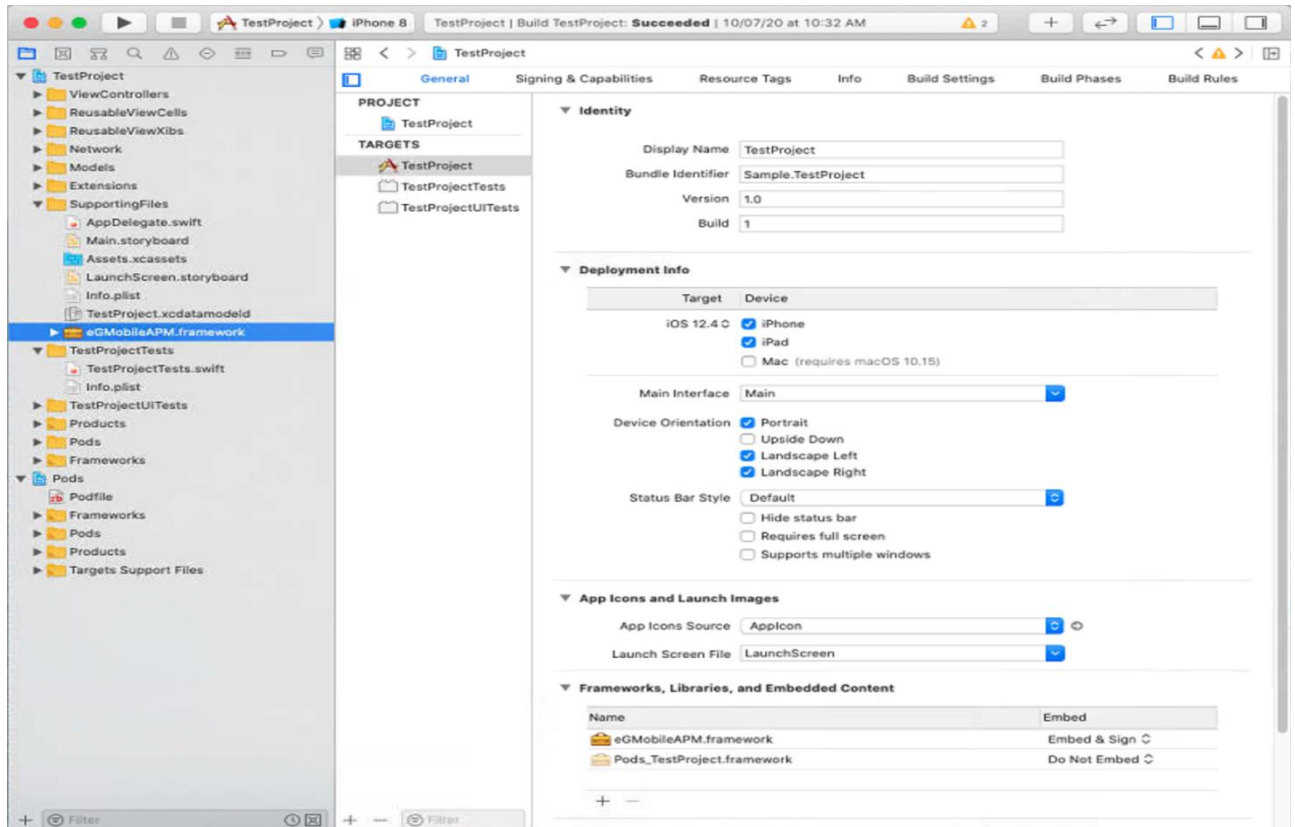
Download the PDF and follow the steps to inject eG Hybrid agent into your mobile apps: [egMobileAgent\\_Installation\\_Hybrid-Cordova.pdf](#) Download

Download eG Hybrid Plugin for Cordova: [Hybrid\\_Cordova\\_Agent.zip](#) Download

Include this line into applications index.html to inject eG JS agent into your mobile apps

```
<!-- RUM Header -->  
<script charset='UTF-8' type='text/javascript'  
window['egrum-start_time'] = new Date().getTime();  
window['Site_Name'] = '1979b2f7-6ea5-4373-b243-f2292742e602-1601356122936';  
window['beacon-url'] = 'http://192.168.11.136:7077';  
</script>  
<script src='egmobilerum.js' async> </script>
```

- d. In the **General** settings of your project '**Embed & Sign**' the eGMobileAPM Framework in Framework, Libraries, and Embedded Content.



## 2. Build and Run the application

Clean the project and Build the application. After successful build, run the application in an simulator or mobile device and login to eG manager application to start seeing data.