**Taplytics package content**

framework/

taplytics/

TaplyticsAPI.brs

TaplyticsAPI.xml

TaplyticsPrivateAPI.brs

TaplyticsPrivateAPI.xml

**Install Taplytics Roku framework**

Copy framework folder in your channel components folder

**Use Taplytics Roku framework**

In the Scene component XML file of your channel, add below lines, in children section:

<children>

<TaplyticsAPI

id="TaplyticsAPI"

key="90391ad033b0ffa48e36f0b4d5bacbe552b6f834" />

</children>

**Note: key should be set to your Taplytics key as provided by Taplytics.**

**Other parameters:**

**enablePrint="true" / "false" - to enable print debug statement of framework – default false**

**HTTP\_RETRIES="5" – number of retries for HTTP server call – default 5**

In the Scene component brs file of your channel, add below lines, in init method:

sub init()

m.TaplyticsAPI = m.top.FindNode("TaplyticsAPI")

m.TaplyticsAPI.callFunc("startTaplytics", {})

end sub

List of public APIs:

|  |  |
| --- | --- |
| API | Sample code |
| getValueForVariable | variableValue = m.TaplyticsAPI.callFunc("getValueForVariable", {name: "sid", default: "xxx"})  print "variableValue : ", variableValue |
| getRunningExperimentsAndVariations | ExpAndVar = m.TaplyticsAPI.callFunc("getRunningExperimentsAndVariations")  if ExpAndVar.experiments <> invalid  for each experiment in ExpAndVar.experiments  print "experiment :", experiment  end for  end if  if ExpAndVar.variations <> invalid  for each variation in ExpAndVar.variations  print "variation :", variation  end for  end if |
| getVariationForExperiment | getVariationForExperiment = m.TaplyticsAPI.callFunc("getVariationForExperiment", "Example")  print "getVariationForExperiment : ",getVariationForExperiment |
| logEvent | m.TaplyticsAPI.callFunc("logEvent", {eventName: "goalTest"}) |
| setUserAttributes | m.TaplyticsAPI.callFunc("setUserAttributes", {firstName: "YourNewName"}) |
| resetAppUser | m.TaplyticsAPI.callFunc("resetAppUser") |
| startTaplytics | m.TaplyticsAPI.callFunc("startTaplytics", {}) |
| startNewSession | m.TaplyticsAPI.callFunc("startNewSession") |