**Signature Capture Custom Widget**

**Purpose:**

Creating a Signature capture custom widget from the Ten one design library (<https://tenonedesign.com/t1autograph.php>). The main purpose of creating it as a custom widget is to add this widget anywhere in the form and user should be able to sign without navigating to other forms.

**Supported iOS version:**

5.1.1

**Public Interface:**

T1Autograph

**Public Methods:**

**didEndLineWithSignaturePointCount:(NSUInteter) count –**This method is used to determine if the line is substantial enough to capture the signature. We can use the count parameter to determine whether line is substantial or not. We used this method to call the signature done call back based on the count.

**didCompleteWithSignature:(T1Signature) signature:** - This method is called when we call done on T1Signature class object to show that the signature capture is called. We have used this method to capture the signature base64 and set it to custom widget property called “sigbase64”.

**Custom Widget Properties:**

1. clearsig 🡪 This property is used to clear the signature. Set this value to empty to clear the signature.
2. Sigbase64 🡪 This property holds the signature base64 string. We can assign this to an image widget to show the signature or send this value to backend systems for further processing.

**Frameworks/Libraries to be added:**

Libraries to be added.

1. T1Autograph.h
2. T1SignaturePoint.h
3. T1Signature.h
4. libT1Autograph.a

**SigCapCustomWidget.zip contents as below:**

**CustomWidgetExport:** This folder has the custom widget exported zip file. We can directly import it in to any project and it automatically shows the custom widget for iOS.

**NativeCode -** This zip contains all the required interface .h & .m files and also dependent third party frameworks or static library files. This is the zip we need to import as iOS custom widget and create the required properties and mappings if you do not use the above mentioned export zip file**.**

**SampleImages - This folder has the screenshots from the sample application.**

**SampleKonyStudioIDEApp -** This folder contains Sample IDE project mapped with the custom widget. This project is created using 6.0.3 studio.

**Release Notes:** Release notes has all the details of usage of this custom widget.

**Known Limitations:**

When we place the signature widget in a form where form is scrollable it is very hard to capture the signature. We need to disable the form scrolling using the form property “enableScrolling” when user starts the signing and enable it once done.

**License:**

Ten one design is not open source library. We need to purchase the library and update the license code in the SigCapCustomWidget.m file using below code. We can use this as is to try it out but it displays the Ten one logo in the signature. Once we add a valid license it will be removed automatically.

**[self.autograph setLicenseCode:@”Add your license code here”];**

**Kony Custom Widget Documentation:**

Please refer <http://docs.kony.com/konylibrary/studio/studio_user_guide/Default.htm#iOS_Custom_Widget.htm> URL for more details on the implementation of Kony custom widget for iOS.

**Tested Devices:**

1. **iPhone 6 with iOS 8.3**
2. **iPhone 5 with iOS 8.1.1**
3. **iPhone 4S with iOS 7.0**
4. **iPhone 4S with iOS 6.1.3**