Volt Iris Component com.hcl.voltmx.ta.biometric

This component with contract com.hcl.voltmx.ta.biometric will allow a Volt Iris mobile native form to use the device biometric to authenticate a user. When this component is clicked, it will launch the device biometric authentication, fingerprint or facial recognition, to authenticate the user. Once authenticated, the user name and password, which were saved when this component is enabled, are retrieved via the API call voltmx.keychain.retrieve, and be forwarded to a previously set call-back function.

Getting Started with the Biometric Login Component

1. Import com.hcl.voltmx.ta.biometric into your Volt Iris template component, so that it is available in Iris.
2. Insert com.hcl.voltmx.ta.biometric from the Iris template component into your login form (a screen to input a user name and password to authenticate) or a flex container in your login form. For example, the component is inserted as “login”; the widget path is “this.view.login”.
3. Your form preShow event should be edited to Add Snipet to execute this Javascript line “this.view.login.setupBiometric(false);” . The component function setupBiometric will determine if your mobile device supports biometric and if biometric has previously been enabled. If both are true, this function will show the “finger-print” icon, so that a user can use biometrics to authenticate.
4. Your Iris login form’s button, which performs the login, should Add a Snipet to execute the component “enableBiometric” function with 3 parameters: 1) the user name, 2) the password, and 3) a function to be executed after a biometric authentication.

If the component biometric setup has been done, this component “enableBiometric” function will save the user name and password into the device voltmx.store, and save the passed-in function to be executed later.

See the example code snipet below:

*let bEnabled = self.view.login.enableBiometric(self.view.txtUsername.text,*

*self.view.txtPassword.text,*

*self.loginFuncForForm);*

*if (bEnabled)*

*{*

*alert("Biometric is enabled.");*

*}*

*else*

*{*

*alert("Biometric is NOT enabled.");*

*}*

1. When the component finger-print icon is touched, the component will 1) use the device biometric to authenticate, and if successful, 2) execute the passed-in function from step 4 with the user name and password, retrieved from voltmx.store.