Date : 06-Feb-2024

Input Prompt popup

version: 1.0.4

**1. OVERVIEW**

The Input Prompt Pop-up component is used when you need user's input before moving forward in app s flow. For example, you might want to capture user's comments about a task he / she just completed. Using this component, users can quickly set the input prompt message directly from the Iris.

## **Use case:**

Consider a case that you want to develop an app for Milk tracker that helps users to track the Milk delivered daily. The App requests the user to provide inputs for various items such as Brand of Milk, Number of packets, Milk delivered (Yes or No) etc. Using the Input Prompt Pop-up component, you can achieve this feature in your app. To achieve the feature, do the following.

1. Define an Input Prompt Pop Up component with Specific Input Prompt Message.
2. Set the Input Placeholder Text as required with Characters Limit.

The following sections help you use the inputpromptpopup component in your app.

###

## **Features**

* The Input Prompt Pop-up component is a ready-to-use component.
* You can import the component into your app (created in Volt MX Iris) and can achieve the features without developing it from scratch.
* The Input Prompt Pop-up component also facilitates a set of properties, events, and APIs that helps you customize the UI elements and functionality, if required.

## **Percentage of re-use**

Approximate 80 % of reuse.

# **Getting Started**

## **Prerequisites**

Before you start using the Input Prompt Popup component, ensure the following:

• [HCL Foundry](https://manage.hclvoltmx.com/)

• Volt MX Iris

## **Platforms Supported**

1. Mobile
2. iOS
3. Android
4. Tablet & iPad
5. PWA & Responsive Web

## **Importing the app**

## You can import the Forge components only into the apps that are of the Reference Architecture type.

##  **To import the Input Prompt Popup** **component, do the following:**

## Open your app project in Volt MX Iris.

 2. In the Project Explorer, click the **Templates** tab.

##  Graphical user interface, text, application  Description automatically generated

3. Right-click **Components**, and then select **Import Component**. The **Import**

 **Component** dialog box appears.

 

 4. Click **Browse** to navigate to the location of the component, select the

 component, and then click **Import**. The component and its associated widgets and

 modules are added to your project.

##  Text  Description automatically generated with medium confidence

Once you have imported a component to your project, you can easily add the component to a form. For more information, refer [Add a Component to a Form](https://opensource.hcltechsw.com/volt-mx-docs/docs/documentation/Iris/iris_user_guide/Content/C_UsingComponents.html%22%20%5Cl%20%22add-a-component-to-a-form)

## **Building and previewing the app**

After performing all the above steps, you can build your app and run it on your device. For more information, you can refer to the [Building and Viewing an Application](https://opensource.hcltechsw.com/volt-mx-docs/docs/documentation/Iris/iris_user_guide/Content/Cloud_Build_in_VoltMX_Iris.html#cloud) section of the Volt MX User Guide.

 You can then run your app to see the Input Prompt Popup work in real time.

# **References**

## **Dynamic Usage**

You can also addInput Prompt Popup component dynamically. To do so,

1. In the **Project Explorer**, on the **Projects** tab, click **Controllers** section to access the respective **Form Controller**. Create a method and implement the code snippet similar to the sample code mentioned below.



|  |
| --- |
| /\*Creating the component's object \*/var inputpromptpopup = new com.voltmxmp.inputpromptpopup({ "clipBounds": true, "height": "100%", "id": "inputpromptpopup", "isVisible": true, "layoutType": voltmx.flex.FREE\_FORM, "left": "0dp", "masterType": constants.MASTER\_TYPE\_USERWIDGET, "skin": "slFbox", "top": "0dp", "width": "100%"}, {}, {});/\*Setting the component's properties\*/inputpromptpopup.placeholderText = "Add comments (Max 70 chars)";inputpromptpopup.leftButtonText = "Cancel";inputpromptpopup.rightButtonText = "OK";inputpromptpopup.messageText = "Your custom message here for the user seeking comment/input";inputpromptpopup.maxTextLength = 70;  /\* Adding the component to a Form \*/this.view.add(inputpromptpopup);}, |

In the code snippet, you can edit the properties of the component as per your requirement. For more information, see Setting Properties.

1. Save the file.

## **Properties**

The properties provided on the **Component** tab allows you to customize the elements in the **Input Prompt Pop-up** component. These elements can be UI elements, service parameters, and so on. You can set the properties from the Volt MX Iris Properties panel on the right-hand side. You can also configure these properties using a JavaScript code.

**General Properties**

**1.** **Input Placeholder Text**

|  |  |
| --- | --- |
| **Description:**  | Specifies the Placeholder text for comments.  |
| **Syntax:** | placeholderText  |
| **Type:**  | String  |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup.placeholderText  = "Add Comments";  |
| **Remarks:**  | The default value for the property is "Add Comments". |

**2. Left Button Text**

|  |  |
| --- | --- |
| **Description:**  | Specifies the text for left button. |
| **Syntax:** | leftButtonText |
| **Type:**  | String  |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. leftButtonText = "No";  |
| **Remarks:**  | The default value for the property is “No”. |

**3. Right Button Text**

|  |  |
| --- | --- |
| **Description:**  | Specifies the text for right button. |
| **Syntax:** | rightButtonText |
| **Type:**  | String  |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. rightButtonText = "No";  |
| **Remarks:**  | The default value for the property is “Yes”. |

**4. Message**

|  |  |
| --- | --- |
| **Description:**  | Specifies the text for Display Message. |
| **Syntax:** | messageText  |
| **Type:**  | String  |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. messageText  = "Do you really want to reject this purchase Order” ;  |
| **Remarks:**  | The default value for the property is "Do you really want to reject this Purchase Order?". |

**5.** **Input Character Limit**

|  |  |
| --- | --- |
| **Description:**  | Specifies the maximum length for input text in comment textbox. |
| **Syntax:** | maxTextlength  |
| **Type:**  | Number |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. maxTextlength  = 5;  |
| **Remarks:**  | The default value for the property is "70". |

**Skins Section**

**6. Left Button Skin**

|  |  |
| --- | --- |
| **Description:**  | This property enables the consumer to change the left button skin of the Input Prompt Pop Up component. |
| **Syntax:** | leftButtonSkin |
| **Widget Type:**  | Button |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. leftButtonSkin = " voltmxmpip80s9btnSkin ";  |
| **Remarks:**  | Skin assigned to the property is accepted only by same widget type. |

**7. Right Button Skin**

|  |  |
| --- | --- |
| **Description:**  | This property enables the consumer to change the right button skin of the Input Prompt Pop Up component. |
| **Syntax:** | rightButtonSkin |
| **Widget Type:**  | Button |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. leftButtonSkin = " voltmxmpip80s9rightButtonSkin";  |
| **Remarks:**  | Skin assigned to the property is accepted only by same widget type. |

**8. Message Skin**

|  |  |
| --- | --- |
| **Description:**  | This property enables the consumer to change the message skin of the Input Prompt Pop Up component. |
| **Syntax:** | messageSkin |
| **Widget Type:**  | Label |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. leftButtonSkin = " voltmxmpip80s9headerSkin”; |
| **Remarks:**  | Skin assigned to the property is accepted only by same widget type.  |

**9. Background Overlay**

|  |  |
| --- | --- |
| **Description:**  | This property enables the consumer to change the Background Overlay skin of the Input Prompt Pop Up component. |
| **Syntax:** |  backgroundOverlaySkin |
| **Widget Type:**  | FlexContainer |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. backgroundOverlaySkin = " voltmxmpip80s9backgroundShade ";  |
| **Remarks:**  | Skin assigned to the property is accepted only by same widget type.  |

**10. Popover Flex Skin**

|  |  |
| --- | --- |
| **Description:**  | This property enables the consumer to change the popover flex skin of the Input Prompt Pop Up component. |
| **Syntax:** | popoverSkin |
| **Widget Type:**  | FlexContainer |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. popoverSkin = " voltmxmpip80s9popoverSkin ";  |
| **Remarks:**  | Skin assigned to the property is accepted only by same widget type. |

**11. Left Button Focus Skin**

|  |  |
| --- | --- |
| **Description:**  | This property enables the consumer to change the left button s focus skin of the Input Prompt Pop Up component. |
| **Syntax**:  | leftButtonFocusSkin |
| **Widget Type:**  | Button |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. leftButtonFocusSkin = " voltmxmpip80s9leftButtonSkin";  |
| **Remarks:**  | Skin assigned to the property is accepted only by same widget type. |

**12. Right Button Focus Skin**

|  |  |
| --- | --- |
| **Description:**  | This property enables the consumer to change the right button s focus skin of the Input Prompt Pop Up component. |
| **Syntax**:  | rightButtonFocusSkin |
| **Widget Type:**  | Button |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. rightButtonFocusSkin = " voltmxmpip80s9btnSkin";  |
| **Remarks:**  | Skin assigned to the property is accepted only by same widget type. |

**13. Input Box Skin**

|  |  |
| --- | --- |
| **Description:**  | This property enables the consumer to change the input box skin of the Input Prompt Pop Up component. |
| **Syntax**:  | inputBoxSkin |
| **Widget Type:**  | TextBox |
| **Read/Write:**  | Read + Write  |
| **Example:**  | this. view. inputpromptpopup. inputBoxSkin = " voltmxmpip80s9commentSkin";  |
| **Remarks:**  | Skin assigned to the property is accepted only by same widget type. |

**C. API’s**

**1. validateAndSetSkin**

|  |  |
| --- | --- |
| **Description:**  | The API can be invoked at the form level if required. |
| **Syntax**:  | validateAndSetSkin ()  |
| **Parameters:**  | None  |
| **Return Value:**  | None  |
|  **Example:**  | this. view. inputpromptpopup. validateAndSetSkin ();  |

**D. Events**

**1. onLeftButtonClick**

|  |  |
| --- | --- |
| **Description:**  | This event is invoked when the user-touch is released from the left button on the Input Prompt Pop Up. |
| **Syntax**:  | onLeftButtonClick (eventobject)  |
| **Type:**  | String |
| **Read/Write:**  | Read + Write  |
| **Example** | this.view.inputpromptpopup.onLeftButtonClick= function(eventobject){ alert(eventobject.comment); }; |
| **Params** | eventobject - JsonObject |

**2. onRightButtonClick**

|  |  |
| --- | --- |
| **Description:**  | This event is invoked when the user-touch is released from the right button on the Input Prompt Pop Up. |
| **Syntax**:  | onRightButtonClick (eventobject)  |
| **Type:**  | String |
| **Read/Write:**  | Read + Write  |
| **Example** | this.view.inputpromptpopup. onRightButtonClick  = function(eventobject){ alert(eventobject.comment); }; |
| **Params** | eventobject - JsonObject |

# **4. Revision History**

App version 1.0.4