15 Nov 2024

INFO CARDS

VERSION: 1.0.2

# **OVERVIEW**

Info Cards let you display basic details and past historical values for any entry in the database.

## **Use case:**

During Inspections/ workorders, technicians/engineers need to view past values for each measurement point.

## **Features:**

Info Cards display past values in simple horizontal scrollable thumbnail format, hence easing the navigation across the performance records.

## **Percentage of re-use:**

Approximate 80% of reuse. It sets an expectation of how much can be used out of the box, and how much needs to be customized for a specific app.

# **GETTING STARTED**

## **Prerequisites**

Before you start using the Info Cards component, ensure the following:

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

• Volt MX Iris

## **Platforms Supported**

1. Mobile
2. iOS
3. Android
4. Tablets
5. PWA

## **Importing the Component**

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

**To import the Info Cards component, do the following:**

1. 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

1. Right-click **Components**, and then select **Import Component**. The **Import Component** dialog box appears.



1. 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.

##

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#add-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 Info Cards work in real time.

# **REFERENCES**

## **Dynamic Usage**

You can also add **Info Cards** 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 like the sample code mentioned below.

| /\* Creating InfoCard component instance \*/ var infoCard= new com.voltmx.infocard( { id: "infocard", isVisible: true, height: "100%", top: "0dp", left: "0dp", width: "100%",  layoutType: voltmx.flex.FREE\_FORM, autogrowMode: voltmx.flex.AUTOGROW\_NONE, skin: "voltmxqfsSknInfoCard", clipBounds:true, zIndex:1 }, {}, {}); /\*Setting the component's properties\*/ infoCard.cardTitle ="#amb557766"; infoCard.cardName = "Ambient Temperature"; infoCard.cardDescription = "Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book."; infoCard.recordSectionLabel = "Previous Value"; infoCard.hasValues = true; /\*Adding the Info Card component to a Form\*/ this.view.add(infoCard); /\*Calling APIs from code \*/ /\* Sample data object\*/ data=[{time:"7:00 PM",  date: "19th Jun 2021",  value: "Validating the product",  responseType:"Null"  },{time:"8:00 PM",  date: "20th Jun 2021",  value: "Testing",  responseType:"Null"  }]; this.view.infocard.initialize(data); |
| --- |

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

 2. Save the file

## **Properties**

The properties provided on the **Component** tab allows you to customize the elements in the **Info Cards** 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**

#### **Card Title (cardTitle)**

| **Description:** | Specifies the title for the card. |
| --- | --- |
| **Syntax:** | **cardTitle** |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.cardTitle= "#amb557766"; |
| **Remarks:** | The default value for the property is “#amb557766”. |

#### **Card Name(cardName)**

| **Description:** | Specifies the name of the card. |
| --- | --- |
| **Syntax:** | **cardName** |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.cardName= "Ambient Temperature"; |
| **Remarks:** | The default value for the property is “Ambient Temperature”. |

#### **Card Description(cardDescription)**

| **Description:** | Specifies the description of the card. |
| --- | --- |
| **Syntax:** | **cardDescription** |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.cardDescription= "Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book."; |
| **Remarks:** | The default value for the property is "Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.". |

#### Record Section Label(recordSectionLabel)

| **Description:** | Specifies the label value of the card. |
| --- | --- |
| **Syntax:** | **recordSectionLabel** |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.recordSectionLabel = "Previous Values"; |
| **Remarks:** | The default value for the property is "Previous Values". |

####  Enable Scrolling(enableScrolling)

| **Description:** | Specifies scroll bars are needed or not for main flex. |
| --- | --- |
| **Syntax:** | **enableScrolling** |
| **Type:** | Boolean |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.enableScrolling = true; |
| **Remarks:** | The default value for the property is true. |

#### **Contains Values(hasValues)**

| **Description:** | Specifies if the values (date, time …) to be displayed on the card should be visible or not. |
| --- | --- |
| **Syntax:** | **hasValues** |
| **Type:** | Boolean |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infoCard.hasValues= true; |
| **Remarks:** | The default value for the property is true. |

####  **Record Values (recordValues)**

| **Description:** | Specifies the list of record values that you want to add. |
| --- | --- |
| **Syntax:** | **recordValues** |
| **Type:** | Datagrid, Array of JSON |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infoCard.recordValues= [{  time:"7:00 PM", date: "19th Jun 2021", value: "Validating the product", responseType:"Null" }, {  time:"8:00 PM", date: "20th Jun 2021", value: "Testing", responseType:"Null" }]; |
| **Remarks:** | This property does not reflect on the preview canvas of Voltmx Iris. |

###  Skins Section

####  **InfoCard Skin(infoCardSkin)**

| **Description:** | Specifies the skin of the infocard flex. |
| --- | --- |
| **Syntax:** | infoCardSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.infoCardSkin= "voltmxqfsSknInfoCard"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknInfoCard". |

####  **MainFlex Skin (flxMainSkin)**

| **Description:** | Specifies the skin of the main flex. |
| --- | --- |
| **Syntax:** | flxMainSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.flxMainSkin= "voltmxqfsSknFlxMain"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknFlxMain". |

####  **MeasurementID Skin (mesaurementIdSkin)**

| **Description:** | Specifies the skin of the measurementID label. |
| --- | --- |
| **Syntax:** | mesaurementIdSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.mesaurementIdSkin = "voltmxqfsSknLblMeasurementID"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknLblMeasurementID". |

####  **MeasurementName Skin (measurementNameSkin)**

| **Description:** | Specifies the skin of the measurementName label. |
| --- | --- |
| **Syntax:** | measurementNameSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.infoCardSkin= "voltmxqfsSknLblMeasurementID"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknLblMeasurementID". |

####  **MeasurementDesc Skin (measurementDescSkin)**

| **Description:** | Specifies the skin of the measurementDesc label. |
| --- | --- |
| **Syntax:** | measurementDescSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.measurementDescSkin = "voltmxqfsSknLblMeasurementDescription"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknLblMeasurementDescription". |

####  **PreviousValues Skin (previousValuesSkin)**

| **Description:** | Specifies the skin of the previousValues label. |
| --- | --- |
| **Syntax:** | previousValuesSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.previousValuesSkin = "voltmxqfsSknLblMeasurementID"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknLblMeasurementID". |

####  **Flex Values (flxValuesSkin)**

| **Description:** | Specifies the skin of the Flex Values flexes. |
| --- | --- |
| **Syntax:** | flxValuesSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.flxValuesSkin= "voltmxqfsSknFlxValues"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknFlxValues". |

####  **Label Values (lblValuesSkin)**

| **Description:** | Specifies the skin of the Label Values. |
| --- | --- |
| **Syntax:** | lblValuesSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.lblValuesSkin= "voltmxqfsSknLblValuesNB"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknLblValuesNB". |

####  **Label Date Time (lblDateTimeSkin)**

| **Description:** | Specifies the skin of the Datetime label. |
| --- | --- |
| **Syntax:** | previousValuesSkin |
| **Type:** | String |
| **Read/Write:** | Read + Write |
| **Example:** | this.view.infocard.lblDateTimeSkin = "voltmxqfsSknLblDate"; |
| **Remarks:** | The default value for the property is "voltmxqfsSknLblDate". |

## **API’s**

### **initialize**

| **Description:** | This method is used to create records for the component |
| --- | --- |
| **Syntax:** | initialize(data)  |
| **Parameters:** | Data (type-json) [Optional]  |
| **Return Value:** | None |
| **Example:** | this.view.infocard.initialize (data); |
| **Remarks:** | Keys in the json should always be the same. |

# **REVISION HISTORY**

App version 1.0.2:

## **Limitations**

1. Landscape mode is not supported in all channels.

 2. If browser height is minimized then the UI gets distorted.