How to Add Event Handlers to Custom Elements for Interacting with the Concierge

In this guide, we'll walk you through adding event handlers to custom HTML elements to trigger various functions and features in the Concierge using the new Concierge V2 API.

Prerequisites

Ensure you have included the Concierge script on your webpage. The script tag should look like this:

```
<script
  defer
  id="capacity-concierge-v2-script"
  src="https://cdn.capacity.com/concierge/v2/YOUR_CONCIERGE_TOKEN/concierge.js"
  data-concierge-token="YOUR_CONCIERGE_TOKEN"
></script>

```

Replace `YOUR_CONCIERGE_TOKEN` with your actual Concierge token.

Example: Adding Event Handlers

We'll demonstrate how to add event handlers to custom elements such as buttons to interact with the Concierge.

1. Open and Close the Concierge

To open or close the Concierge, use the `setInterface` method with the `isOpen` property.

HTML Example:

```
<button id="openConcierge">Open Concierge</button>
<button id="closeConcierge">Close Concierge</button>

```

JavaScript Example:

```
document.getElementById("openConcierge").addEventListener("click", () => {
  window.CapacityConciergeActionV2.setInterface({ isOpen: true })
})

document.getElementById("closeConcierge").addEventListener("click", () => {
  window.CapacityConciergeActionV2.setInterface({ isOpen: false })
})

```

2. Show and Hide the Concierge Button

Use the `setConciergeButton` method to show or hide the round Concierge button.

HTML Example:

```
<button id="showConciergeButton">Show Concierge Button</button>
<button id="hideConciergeButton">Hide Concierge Button</button>
```

```

```

JavaScript Example:

```
document.getElementById("showConciergeButton").addEventListener("click", () => {
  window.CapacityConciergeActionV2.setConciergeButton({ isShowing: true })
})

document.getElementById("hideConciergeButton").addEventListener("click", () => {
  window.CapacityConciergeActionV2.setConciergeButton({ isShowing: false })
})

```

3. Submit an Inquiry

Use the `sendInquiry` method to submit an inquiry to the Concierge.

HTML Example:

```
<button id="submitInquiry">Submit Inquiry</button>

```

JavaScript Example:

```
document.getElementById("submitInquiry").addEventListener("click", () => {
  window.CapacityConciergeActionV2.sendInquiry({
    input: "hello",
    tag: "CUSTOM_INQUIRY",
  })
})

```

4. Change the Page to Chat

Use the `setPage` method with the `InterfacePages` object to switch to the chat page or main (menu) page.

HTML Example:

```
<button id="goToChatPage">Go to Chat Page</button>
<button id="goToMainPage">Go to Main Page</button>

```

JavaScript Example:

```
document.getElementById("goToChatPage").addEventListener("click", () => {
  window.CapacityConciergeActionV2.setPage({
    page: window.CapacityConciergeActionV2.InterfacePages.CHAT,
  })
})
document.getElementById("goToMainPage").addEventListener("click", () => {
  window.CapacityConciergeActionV2.setPage({
    page: window.CapacityConciergeActionV2.InterfacePages.MAIN,
  })
})

```

5. Maximize the Interface

Use the `setInterface` method with the `InterfaceSizes` object to maximize the interface.

HTML Example:

```
<button id="maximizeInterface">Maximize Interface</button>
<button id="returnToNormalSize">Return To Normal Size</button>

```

JavaScript Example:

```
document.getElementById("maximizeInterface").addEventListener("click", () => {
  window.CapacityConciergeActionV2.setInterface({
    size: window.CapacityConciergeActionV2.InterfaceSizes.MAX,
  })
})
document.getElementById("returnToNormalSize").addEventListener("click", () => {
  window.CapacityConciergeActionV2.setInterface({
    size: window.CapacityConciergeActionV2.InterfaceSizes.NORMAL,
  })
})

```

Full HTML Example

Here's an example of a page with all the buttons and their respective event handlers:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Concierge Event Handlers</title>
  </head>
  <body>
    <button id="openConcierge">Open Concierge</button>
    <button id="closeConcierge">Close Concierge</button>
    <button id="showConciergeButton">Show Concierge Button</button>
    <button id="hideConciergeButton">Hide Concierge Button</button>
    <button id="submitInquiry">Submit Inquiry</button>
    <button id="goToChatPage">Go to Chat Page</button>
    <button id="goToMainPage">Go to Main Page</button>
    <button id="maximizeInterface">Maximize Interface</button>
    <button id="returnToNormalSize">Return To Normal Size</button>

    <script
      defer
      id="capacity-concierge-v2-script"
      src="https://cdn.capacity.com/concierge/v2/concierge.js"
      data-concierge-token="XXX"
    ></script>
    <script>
      document.getElementById("openConcierge").addEventListener("click", () => {
        window.CapacityConciergeActionV2.setInterface({ isOpen: true })
      })

      document
```

```
        .getElementById("closeConcierge")
        .addEventListener("click", () => {
          window.CapacityConciergeActionV2.setInterface({ isOpen: false })
        })

      document
        .getElementById("showConciergeButton")
        .addEventListener("click", () => {
          window.CapacityConciergeActionV2.setConciergeButton({
            isShowing: true,
          })
        })

      document
        .getElementById("hideConciergeButton")
        .addEventListener("click", () => {
          window.CapacityConciergeActionV2.setConciergeButton({
            isShowing: false,
          })
        })

      document.getElementById("submitInquiry").addEventListener("click", () => {
        window.CapacityConciergeActionV2.sendInquiry({
          input: "hello",
          tag: "CUSTOM_INQUIRY",
        })
      })

      document.getElementById("goToChatPage").addEventListener("click", () => {
        window.CapacityConciergeActionV2.setPage({
          page: window.CapacityConciergeActionV2.InterfacePages.CHAT,
        })
      })

      document.getElementById("goToMainPage").addEventListener("click", () => {
        window.CapacityConciergeActionV2.setPage({
          page: window.CapacityConciergeActionV2.InterfacePages.MAIN,
        })
      })

      document
        .getElementById("maximizeInterface")
        .addEventListener("click", () => {
          window.CapacityConciergeActionV2.setInterface({
            size: window.CapacityConciergeActionV2.InterfaceSizes.MAX,
          })
        })

      document
        .getElementById("returnToNormalSize")
        .addEventListener("click", () => {
          window.CapacityConciergeActionV2.setInterface({
            size: window.CapacityConciergeActionV2.InterfaceSizes.NORMAL,
          })
        })
    </script>
  </body>
</html>
```

```
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```

This guide provides a basic introduction to setting up event handlers for the new Concierge V2 API. Feel free to adapt the code to meet your specific needs and integrate more features as required. For more methods and detail, please refer to the Concierge 2.0 API Documentation.