

Summary of JavaScript Mouse Event Handling

This document covers inline event handling for mouse-related events in JavaScript, focusing on `onMouseover` and `onMouseout`:

1. **Mouse Events:** JavaScript handles mouse actions like hovering (`onMouseover`) and moving away (`onMouseout`), alongside clicks (`onclick`). Inline event handling is used for simplicity, with professional scripting methods to be covered later.
2. **Image Swap Example:** An image tag (``) swaps the image source on hover and reverts when the mouse leaves, using HTML attribute syntax with single quotes to avoid nesting issues.
3. **Other Elements:** `onMouseover` can trigger actions on elements like headings (`<h1 onMouseover="alert('Hello')">`) or paragraphs (`<p onMouseover="expand()">`) for alerts or functions.
4. **Styling Example:** A link can change color on hover (e.g., `onMouseover="this.style.color='red'"`) though CSS is preferred for styling.
5. **Best Practice:** Calling functions (e.g., `onMouseover="expand()"`) is cleaner than inline code. Details of functions like `expand()` or `this.style.color` are deferred to later.