WEB230: JavaScript 1

Module 6: Handling Events Part C - Delegation

Propagation

- if an event occurs on a child element it will trigger the event handler on the parent element
- if both have handlers the more specific one runs first
- event.stopPropogation() method on the event object can stop this

Delegation

- an event handler can be placed on the parent element to handle the events on child elements

target Property

- most events have an event.target property
- this is the element that the event occurred on
- often used to delegate event handling to parent element

Default Actions

- some element have default actions
    - such as a form being submitted to a server or a link being followed
- the event handler runs before the default action
- event.preventDefault() method can stop the default action

Summary

- events *propagate* to their parent elements
    - event.stopPropagation()
- some elements have default actions
    - event.preventDefault()

Reference

- [MDN Events (https://developer.mozilla.org/en-US/docs/Web/Events)](https://developer.mozilla.org/en-US/docs/Web/Events)