
MUSIC MIXER

SPRINT 1

RESEARCH

EVENTS

Event interface means an event which takes place in the DOM. The events can be custom fields and/ or functions to get information about what happened.

EVENTS WITH HTML

Events allow JavaScript to access and manipulate different events in HTML elements.

EVENTS WITH JAVASCRIPT

JavaScript is used in HTML pages, JavaScript “react” on the events. HTML events are “things” that run to HTML elements.

TYPES OF EVENTS

Mouse events:

- o On click
- o On mouse over
- o `MouseEvent.initMouseEvent()` which events initialized with the `Document.createEvent()` method

Keyboard events:

- o Find out what keys are pressed form events
- o `keyboardEvent.initKeyboardEvent()` method

Form events:

- o Forms are submitted focusing on certain elements or updating things when certain elements in a form change, they could even do extend validation with forms that is common
- o collection = HTMLCollection object listing all of the documents' forms
- o <form> elements in html
- o HTMLFormElement.elements property

Media events:

- o Allow to determine if a media plays paused or at a certain or to control media programmatically
- o HTML documents using the <audio> and <video> elements
- o `var media = MediaQueryListEvent.media;`

Drag and drop events:

- o Allow to drag elements around the page and determine where they can be dropped and what happens when we drop them.
- o DragEvent property
- o DragEvent.dataTransfer

Windows events:

- o Determine when something is loaded into the window or when it's resized or dealing with things like scrolling plus many more events.

- o `Window.event` isn't accurate for events dispatched with shadow trees.

Animation events:

- o `AnimationEvent()`
- o `AnimationEvent.animationName` contains the value of the `animation-name` CSS property with transition.
- o `AnimationEvent.elapsedTime` is a float
- o `AnimationEvent.pseudoElement` is a `DOMString`
- o `Document.createEvent("AnimationEvent")`
- We can copy more things to the clipboard work with printing, there are touch, transitions events, text composition events, resources events, network events, focus events, `WebSocket` events, session history events.

INSPIRATION





