Javascript Events

Web Authoring and Design

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Outline

- What do we mean by a Javascript Events?

- Summary

- Review/Discussion

Events/Triggers

Javascript has callback functions that trigger when specific events occur

For example, timing triggers, mouse movement, mouse button presses, ...

Timer

Javascript timer is an element of code that triggers after a certain period of time has elapsed. There are two types of Timers you can create in JavaScrit. One time Timers, that triggers just once after a certain period of time and the other one is long time firing timers , that continually triggers at set intervals

setInterval() Method

The setInterval() Method returns a unique ID with which the timer can be canceled at a later time

Syntax:

window.setInterval("functionname", time in milliseconds);

Example:

var intVal = setInterval(function(){alert('Timer Here')},4000);

Example

```html
<html>
<head>
</head>
<body>
    <button onclick="setInterval(function()
                    {alert('Timer Here')},4000);">Call Timer</button>
</body>
</html>
```

Stop setInterval() method

If you want to stop the execution of setInterval() method, call clearInterval() method and just pass the interval ID returned by the setInterval() method

Syntax:

clearInterval(intervalVariable)

Example:

```
var timeVar =
    setInterval(function(){alert('Timer
    Here')},4000); clearInterval(timeVar);
```

This Week

- Review Slides
- Read Associated Chapters
- Create a Simple Javascript Examples
  - ▷ Test it locally (e.g., local computer in Chrome or Explorer)
  - ▷ Experiment
  - ▷ Update GitHub Account/Webpage
- **Start Early**

Summary

- Overview of Javascript Events
- Hands-On/Practical

Questions/Discussion