

INTRO. TO JAVASCRIPT

Cornerstone technologies for the WWW

describes how the content should be rendered

HTML + CSS + JS = WEB PAGE

the content to be rendered

makes the page interactive

FUNDAMENTALS

- JavaScript (JS) makes the page interactive by allowing us to make changes to the DOM
- JS is 'Event' driven i.e when a DOM event occurs we can trigger JS

EXAMPLES

HOW TO INCLUDE JS

- External Script File

Defined in an external file. Included via the `<link>` element. Affects all pages where it is included.

- Internal Script

Included in the page via the `<script>` element. Affects only the page it is included in.

- Inline

Defined inline in a HTML element

DOM EVENTS

- onClick
- onLoad
- onFocus
- onBlur
- onKeyUp
- onKeyDown
- onResize
- onMouseDown
- onMouseEnter
- Total of 20+

JS LIMITATIONS

- Cannot directly write to local file system
- Cannot access another page's DOM
- Does not support multi-threading
- Can be disabled
- Browser compatibility differs