

jQuery is a JavaScript library

- Why use jQuery?
  - Fixes broken DOM API
  - Brevity & clarity
  - Ease of use
  - Cross browser support
  - AJAX
- Why not use jQuery?
  - The DOM API is no longer broken.
  - You can write the code on your own
  - If minimal use, no point downloading the whole library.
- To select on jQuery, the \$ sign is used followed by CSS style selectors
  - `$("#hello").css("colour", "blue");`
  -
- With jQuery you can loop through all `<li>` for example by just selecting with the \$ sign.
- With vanilla.js, you will need to iterate individually.

Methods in jQuery

- `.text();`
  - Reveal all the text which is found in that tag
    - To change the text, you will apply the new text in the parenthesis.
      - This works in a similar way to `.textContent`
- `.html();`
  - Similar to `innerHTML`
- `.attr();`
  - Get or set an attribute.
    - `.attr("src", "new");`
      - To change only the first
        - `$("img: first-of-type")`
        - `$("img: first")`
      - Last
        - `$("img").last().attr`
- `.val()`
  - Gives the value of something.
    - Can also be set by typing into the `()`.

Event listeners

- `.click(function{})`
  - If you want the specific button for example to change then in vanilla.js you will add `this.css`,
  - However, in jQuery, you will add the following `$(this).css()` in the function.
- `.keyPress()`
  - Similar to `.click`
    - If you want a specific key, every key has its own code which you can find on jQuery under 'which'.
    - Enter is 13
      - `.keypress(event){`
      - `If (event.which === 13){`
      - Something should happen.
- `.on("click",function){}`

- Click can be replaced by
  - keyPress
  - Mouseenter (when hovering over)
  - Mouse leave

#### jQuery effects

- .fadeOut(1000,function({})
  - The function will take place after the fade is completed.
- By fading it does not remove the actual tag.
  - Need to add .remove in the function otherwise js won't wait for the fade to complete.
- .fadeIn
  - Opposite of above
- .fadeToggle
- .slideUp
- .slideDown
- .slideToggle