



MIS3690 WEB TECHNOLOGIES

BABSON COLLEGE
TOIM DIVISION



JQUERY EFFECTS

MANIPULATING PAGE AND FORM CONTENT AND STYLE

TEXT EFFECTS

- `html()` gets the html of the selected item
- `html("x")` inserts x as the html of the selected item
- `text()` gets the text of the selected item ignoring html tags
- `text("x")` inserts x (which should contain no html itself) as the html of the selected item
- Examples:
https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_html_get
https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_html_set

FORM EFFECTS

- `val()` gets the value of the selected form field(s)
- `val("x")` sets the value of the selected form field(s)

- Examples

https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_val_get

https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_html_set

MANIPULATING HTML ATTRIBUTES

- `attr("x")` gets the value of the attribute x from the selected element(s)
- `attr("x", "y")` sets the value of the attribute x of the selected element(s) to y
- `attr("x1": "y1", "x2": "y2", etc)` sets the value of attribute x1 to y1, x2 to y2, etc.
- Examples:
https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_attr_get
https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_attr_set
- You can use `attr()` to change the href of a link, the src of an image, or even the function that runs onclick.

MORE TEXT EFFECTS

- `append("x")` inserts x at the end of the selected content but before its closing tag
- `prepend("x")` inserts x at the beginning of the selected content, just after its opening tag
- These have the potential to affect the DOM (document object model – existence of web elements) if the insertion includes tags
- Examples:
https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_html_append
https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_html_prepend

DOM EFFECTS

- `after("x")` inserts x after the selected items
- `before("x")` inserts x before the selected items
- `remove()` removes the selected items
- `empty()` removes the child elements of selected items
- Examples:
https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_remove
https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_empty

CLASS MANIPULATION

- `addClass("className")` applies the specified CSS class to the selected items
- `removeClass("className")` removes the specified CSS class from the selected items
- `toggleClass("className")` applies the specified CSS class to the selected items if they have a different or no style; removes this class if it currently applies to the selected items

- **Examples:**

https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_addclass

https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_removeclass

https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_dom_toggleclass

OBTAINING AND SETTING CSS PROPERTIES

- `css("property")` returns the value of the specified CSS property for the FIRST selected item
- `css("property", "value")` sets the CSS property to the indicated value for the selected items
- `css("property": "value", "property": "value", ...)` sets the value of multiple CSS properties

- **Examples:**

https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_css_getcolor

https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_css_setcolor

https://www.w3schools.com/jquery/tryit.asp?filename=tryjquery_css_set_multiple