Intro to Web Programming
Week 2

January 15, 2014

jQuery

- A JavaScript library intended to make JavaScript programming easier
- Also helps solve some cross-browser problems

jQuery shortcuts

Fall into a couple of categories

- A set of built-in feature detection scripts
- A shorter syntax for targeting elements
  - Without jQuery:

```
document.getElementById("status")
```

  - With jQuery:

```
$("#status")
```

  - With jQuery:

```
$("div"), $(".header") [note: here header is
the name of a class], etc.
```

jQuery and the ready function

Don't want to fire scripts before the document (and the DOM, in particular) are ready for them.

```
<script>
$(document).ready(function() {
      // your code here
});
</script>
```

The function is the ready event-handler.

jQuery event-handling syntax

```
<script>
$("#moreInfo").click(function() {
    // your code here
});
</script>
```

The function is the click event-handler.

Can wait for window elements to load, etc.

Similar syntax allows us to wait for fadeIns or fadeOuts to finish.

Setting attributes and styles with jQuery

```
$("#foodPic").attr("src", foodImgs[curr]);

$("#moreInfo").css("color", "red");

$("#moreInfo").html("<p>This is my expanded
   text.</p>");
```