

Working with Events

Unit 4

What are Events?

Events

Events

- Clicking on, or mousing over, stuff

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- Typing

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- Changes to form fields and submit

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- Clicking on, or mousing over, stuff
- Typing
- Changes to form fields and submit
- A few special ones

jQuery and Events

jQuery and Events

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 - `this`

jQuery and Events

- Basic form is: `$("selector").event(func);`
- Function is passed an event object
 - `target`
 - `this`
- `$("selector").on(event, handler)`


```
<p id="intro">Click me!</p>
<script>
$( "#intro" ).click(function() {
    console.log("You clicked me!");
});
</script>
```



```
<input id="name" type="text">  
<script>  
$( "#name" ).change(function() {  
    console.log("You changed me to " +  
        $(this).val());  
});  
</script>
```


Demo

Forms

- change, blur, focus
- submit (can block or allow a form)

Demo

More Events

More Events

- hover

More Events

- hover
 - Shorthand for mouseenter and mouseleave

More Events

- hover
 - Shorthand for mouseenter and mouseleave
 - `$("...").hover(inFunction, outFunction);`

More Events

- hover
 - Shorthand for mouseenter and mouseleave
 - `$("...").hover(inFunction, outFunction);`
- one

More Events

- hover
 - Shorthand for mouseenter and mouseleave
 - `$("...").hover(inFunction, outFunction);`
- one
 - Listens for an event - once!

Demo

Removing Events

Removing Events

- off

Removing Events

- off
 - Turns off an event handler

Removing Events

- off
 - Turns off an event handler
 - Can remove all or some handlers for an event

Demo

The Most Special Event

- ready
- Used with the document object
- The page is done loading


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


Demo