




Expanding on on()

jQuery Travels - Vacation Confirmation

Confirmations

Hawaiian Vacation 

Paid \$399.99 on January 14, 2013.

FLIGHT DETAILS

Call us at 555-25937 to make a reservation today!

What if we also want to show the ticket when they hover over the `<h3>` tag?

Deciding on an Event

application.js

```
$(document).ready(function() {  
  $('confirmation').on('click', 'button', function() {  
    $(this).closest('confirmation').find('ticket').slideDown();  
  });  
  $('confirmation').on('?', 'h3', function() {  
    $(this).closest('confirmation').find('ticket').slideDown();  
  });  
});
```

What event should we watch for?

Mouse Events

Fires when the mouse is first positioned over the element

click

focusin

mousedown

mousemove

mouseover

mouseenter

dblclick

focusout

mouseup

mouseout

mouseleave

4.2 Expanding on on()

Mouse Events

application.js

```
$(document).ready(function() {  
  $('confirmation').on('click', 'button', function() {  
    $(this).closest('confirmation').find('ticket').slideDown();  
  });  
  $('confirmation').on('mouseenter', 'h3', function() {  
    $(this).closest('confirmation').find('ticket').slideDown();  
  });  
});
```





*Show the ticket when the mouse
is positioned over the h3*

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We have two ways of showing the ticket now

Refactoring Handler Functions

application.js

```
$(document).ready(function() {  
  $('confirmation').on('click', 'button', function() {  
    $(this).closest('confirmation').find('ticket').slideDown();  
  });  
  $('confirmation').on('mouseenter', 'h3', function() {  
    $(this).closest('confirmation').find('ticket').slideDown();  
  });  
});
```



This code is duplicated, how can we refactor this?



Extract out and name our event handler


```
function showTicket() {  
  $(this).closest('confirmation').find('ticket').slideDown();  
}
```

4.2 Expanding on on()

Refactoring Handler Functions

application.js

```
function showTicket() {  
    $(this).closest('.confirmation').find('.ticket').slideDown();  
}  
$(document).ready(function() {  
    $('.confirmation').on('click', 'button', showTicket);  
    $('.confirmation').on('mouseenter', 'h3', showTicket);  
});
```




Don't add () at the end - that would execute the function immediately




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Now the exact same code is run for both events