



# JavaScript Objects

```
$(document).ready(function() {  
  $('confirmation').on('click', 'button', function() {  
    $.ajax('confirmation.html', {  
      timeout: 3000,  
      success: function(response) { $('ticket').html(response).slideDown(); },  
      error: function(request, errorType, errorMessage) {  
        alert('Error: ' + errorType + ' with message: ' + errorMessage);  
      },  
      beforeSend: function() { $('confirmation').addClass('is-loading'); },  
      complete: function() { $('confirmation').removeClass('is-loading'); }  
    });  
  });  
  $('confirmation').on('click', '.view-boarding-pass', function(event) {  
    event.preventDefault();  
    $('view-boarding-pass').hide();  
    $('boarding-pass').show();  
  });  
});
```

*that's a big document ready method!*

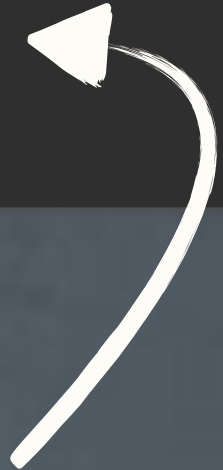
*How can we organize this?*



# Refactoring to Objects

application.js

```
var confirmation = {  
  init: function() {  
    // Our existing event handlers  
  }  
};
```



*Within init, we can run all the code that was in our document ready function*

```
$(document).ready(function() {  
  confirmation.init();  
});
```

*Much easier to read what happens on load*

# Refactoring to Objects

application.js

```
var confirmation = {  
  init: function() {  
    $('.confirmation').on('click', 'button', function() {  
      $.ajax('confirmation.html', { ... });  
    });  
  
    $('.confirmation').on('click', '.view-boarding-pass', function(event) { ... });  
  }  
};  
$(document).ready(function() {  
  confirmation.init();  
});
```

*Our init method creates our event handlers*

*Kick things off on page load*

Magic move in the code in the green lines from the previous page.


Show both arrows.

Make the rest of the code that doesn't have a green background show on the next click.


# Separating Functions

application.js

```
var confirmation = {  
  init: function() {  
    $('.confirmation').on('click', 'button', function() {  
      $.ajax('confirmation.html', { ... });  
    });  
  
    $('.confirmation').on('click', '.view-boarding-pass', function(event) { ... });  
  }  
};  
$(document).ready(function() {  
  confirmation.init();  
});
```



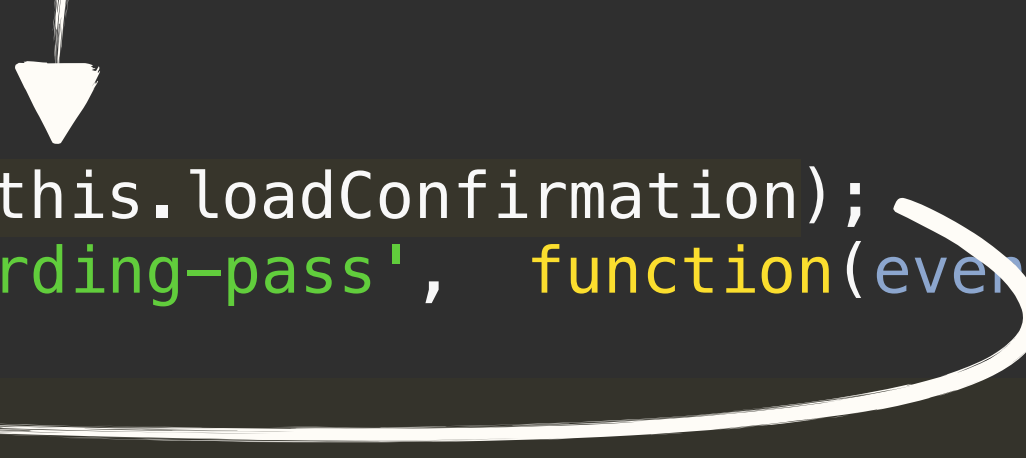
*We can pull this function out of  
init to make this easier to read*



# Separating Functions

application.js

```
var confirmation = {  
  init: function() {  
    $('.confirmation').on('click', 'button', this.loadConfirmation);  
    $('.confirmation').on('click', '.view-boarding-pass', function(event) { ... });  
  },  
  loadConfirmation: function() {  
    $.ajax('confirmation.html', { ... });  
  }  
};  
  
$(document).ready(function() {  
  confirmation.init();  
});
```



Need to use 'this' to reference other keys of this object

! (Warning icon)

# Refactoring our other event handler

application.js

```
var confirmation = {
  init: function() {
    $('.confirmation').on('click', 'button', this.loadConfirmation);
    $('.confirmation').on('click', '.view-boarding-pass', this.showBoardingPass);
  },
  loadConfirmation: function() {
    $.ajax('confirmation.html', { ... });
  },
  showBoardingPass: function(event) { ... }
};

$(document).ready(function() {
  confirmation.init();
});
```





# jQuery Travels - Vacation Confirmation

## Confirmations

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