

## jQuery Enhancing Forms Lab

1. Open the Forms Lab folder.

### form.html

This form simulates a checkout page for an ecommerce site. Let's jQuery-inate it to make it more usable.

2. Start off by putting the user in the the first input field.
3. Next, the credit card fields don't make sense if the user chooses to pay by PayPal. So if the user selects PayPal as the payment method, disable the credit card number and credit card date fields.
4. If they select Visa or MasterCard, enable those fields.
5. Run and test.
6. Now instead of disabling them, hide them. Try it with and without sliding it up and down.
7. Note the Shipping Information section of the page. See the "Same as billing info" checkbox in the second half of the form? If that is checked, we should copy the data from the billing address fields into the shipping address fields.
8. Also, disable the boxes.
9. If the user un-checks the boxes, re-enable them.
10. Run and test. When it is working well, you can move on.

### jQuery Validation

11. Open validation.html
12. Make sure jQuery and jQuery.validate libraries are included in the head of the page.
13. In the `$(document).ready()` function, call validate on the form like so.  
`$( 'selector' ).validate();`
14. Make the name text field required.
15. Run and test. Try to submit the form without providing a value in the name field. If it flags an error, that's good. You can proceed.
16. Go ahead and make more fields required – whichever ones you think need it.
17. Make the birth date field only accept a valid date. Make its error message say something like "That's not a valid date. Use this format mm/dd/yyyy."
18. Again, run and test.

### Advanced validation

Now that you've done some simple validations, let's do some more advanced ones.

19. In the `$(document).ready()` function, you have a validate function. Pass that function a JSON object which looks like this:  
{

```

rules: {
  // Put all rules here
},
messages: {
  // Put all error messages here
}
}

```

This is where you'll specify the rules and messages for multiple fields. Nice technique since it separates UI from rules.

20. Inside the rules portion, create another JSON object which will make the email field *required* and of type *email*. In the messages portion, create a JSON object to set the required message to say "We really need your email" and the email format message to say "That doesn't look like an email."

21. Run and test. See how that is more concise?

22. Add some more rules and messages:

- Password field should be required
- Password should be larger than 8 characters
- The confirm password field should match the password field and should be required. (Hint: "equalTo")
- Make one of the hobby checkbox fields required. (Hint: since they share the same name, jQuery considers them grouped.)
- Make one of the spam radio buttons required. (Hint: again, use the name)

## **Bonus! Styling your error messages.**

23. Add a style to your page or sheet like so:

```

#signup label.error {
  // Your styles here
}

```

24. Style your error messages using this selector. Make them slightly smaller, red, bold, and whatever else you like to make them distinct.

25. Run and test.