# jQuery Validation

* Download <http://bassistance.de/jquery-plugins/jquery-plugin-validation/> - Jquery.validate.js, additional-methods.js
* **MUST READ Sample**: <http://docs.jquery.com/Plugins/Validation#Demos>
  + <http://www.codeproject.com/Articles/213138/An-Example-to-Use-jQuery-Validation-Plugin>
* **Style Error message using CSS**: **label**/select**.error** { float: none; color: red; padding-left: .5em; vertical-align: top; }
* **Inline Rules**: <input … **class**=”**1+** *validationMethodName*” **methodParamName**=”*methodParamValue*” … /> if method has params then add attributes methodParamName and specify its value
  + **Built-in Validation Method**:
    - required/required(expression)/required(callback), minlength, maxlength, rangelength, min, max, range, number, digits, date, email, url, creditcard, accept, equalTo, phoneUS
    - **Remote:** url // this will issues an **Ajax** **Get** request and **return a JSON true/false**.
  + **Create Custom** Validation Method: jQuery.**validator**.**addMethod**(methodName, callback(currentValue, element, params), errorMessage); For example: <http://jquery.bassistance.de/validate/demo/marketo/mktSignup.js>
* **Unobtrusive Rules Injection**:
  + **Prepare Form:**
    - use the **name attribute** to wire up the rules and the form fields  
          <form id="**form1**" method="post" action="">  
            <input type="text" **name**="name" /> <input type="text" **name**="email" />  <input type="text" **name**="url" />   
            <textarea **name**="comment" ></textarea> <input class="submit" type="**submit**" value="Submit"></form>
  + **Validate**: $(“#form1”)**.validate([options])**; Details Doc: <http://docs.jquery.com/Plugins/Validation/validate#toptions>

**options**: {

**debug**: true,

**submitHandler**: callback,

**invalidHandler**: callback(form validator), // useful for showing custom error message/behavior ANYWHERE.

**ignore**: Selector, // e.g. “.ignore #ignore” elements to ignore during validation

**rules**: { // NOT Recommended. Show specify rules in Markup instead like **Rules** section above

nameOfElement1: validationMethodName1, // simple rule

nameOfElement2: { // compound rule

validationMethodName2: true,

validationMethodName3: true

}

}

**messages**: { // specify error message for ALL elements

nameOfElement1: errorMessage, // simple rule

nameOfElement2: { // compound rule

validationMethodName1: errorMessage,

validationMethodName2: errorMessage

}

},

groups, onsubmit, onfocusout, onkeyup, onclick, focusInvalid, focusCleanup, meta, errorClass, validClass, errorElement, wrapper, errorLabelContainer, errorContainer, showErrors, errorPlacement, success, highlight, unhighlight, ignoreTitle

}

* + - e.g. $().ready(function() {   
            $("#form1").**validate**({   
              rules: {   
                  name: "required", // simple rule, converted to {required:true}   
                  email: {  // compound rule   
                      required: true,  
                      email: true   
                  },   
                  url: {   
                      url: true   
                  },   
                  comment: {   
                      required: true   
                  }   
              },  
              messages: {   
                  email: "Enter your damn email!!!",  
                  comment: "Please enter a comment."   
              } }); });