

Lab3: Create a github repo called 'Lab3' which will be pulled on the due date of 3/25. This is a Dynamic Web Eclipse Java project. This is an individual effort.

Using your **TodoServlet** from lab 2 create a web interface that uses a single html page to communicate with your servlet. I'll leave it up to you on how you want to organize the commands graphically as long as you use a single web page. This means you will need to implement ajax events. Check out **Twitter Bootstrap** and **jQuery** for a good starting point.

I recommend accepting input as form data (content type : url encoded form data [see github example]) and converting your responses to json to be read on the client.

- 1.) Both your servlet and client should be on **localhost**.
- 2.) Accept customer commands.
 - a.) Create or update a Todo message : Create a form so that the user can enter in the todo id and the message. Upon clicking submit make an ajax call to your servlet to create the todo message or update one if the id already exists.
 - b.) Display Todo message by id : Retrieves and displays the todo message to the page.
 - c.) Display all Todo messages : Retrieves a List of all todo messages. This can be displayed in list or table format.
 - d.) Delete a todo message : User can enter in the id of a todo message and hit the delete button to remove the message from the server.
 - e.) For any errors display them in a label element on the page.

For these commands you must send the appropriate HTTP Crud operation Get or Post. You can use Delete as well if you wish. Remember that the servlet's class has an overridable method for each.