

Lab4: Create a github repo called 'Lab4' which will be pulled on the due date of 4/2. This is a Dynamic Web Eclipse Java project. This is an individual effort.

Using your web client from **TodoServlet** (Lab 3) create a RESTful version of the Todo servlet using Jersey. Please refer to the in class code and Chapter 2 of the text. You choose the way you send data to the server but you must return responses in JSON and XML. You can use Jackson JAXB for json parsing.

- 1.) Both your RESTful resource and client should be on **localhost**.
- 2.) Accept customer commands.
 - a.) Create or update a Todo message : Create a RESTful method to accept new todo messages. If the message already exists then update it. Return whether the call was successful or not. This should be a POST call. Example URL may look like "todo/create/"
 - b.) Display Todo message by id : Retrieves and displays the todo message to the page. The id should be a path param in the url. This should be a GET call. Example URL may look like "todo/view/{id}/xml/".
 - c.) Display all Todo messages : Retrieves a List of all todo messages. This can be displayed in list or table format. This should be a GET call. Example URL may look like "todo/view/json/"
 - 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. This should be a DELETE call. Example URL may look like "todo/delete/{id}".
 - e.) For any errors display them in a label element on the page.