

GWT Exercises: Events

Make a new Google Web Application Project called “ExercisesEvents” (or some such -- my solution set is called GwtEventsExercises). Since you are not using any of the code in the “server” package, edit war/WEB-INF/web.xml and remove the servlet and servlet-mapping tags at the top. Then, delete all the classes in the “server” package.

1. Make a TextBox and a Button. What happens when you press the button should depend on what is in the textfield. If the textfield contains “English” when the button is pressed, “Hello” should be inserted in the page. If the textfield contains “Spanish” when the button is pressed, “Hola” should be inserted in the page. Otherwise, “Error” should be inserted. Test in development mode.
2. Make two textfields for numbers as in the previous exercises. But, this time omit the pushbutton. Instead, when the user types a number into either one, insert the sum of the two numbers into the page. Use a colored error message if the user enters an illegal entry. Test in development mode.
3. Make a list box that contains four choices (plus “Choose Range” at the top): 0-10, 0- 100, 0- 1000, and 0-10,000. When the user chooses one of the four choices, insert a random number in the specified range into the page. Test in development mode.
4. Make three radio buttons with labels Default, Red, Blue. Make Default the initial value. When the user selects one of the radio buttons, change the page background accordingly. Test in development mode.
5. Test the project in production mode.
6. You should have a Tomcat server on your machines. Deploy your application to the Tomcat server and test it.