



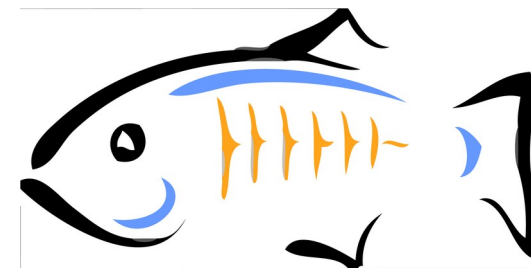
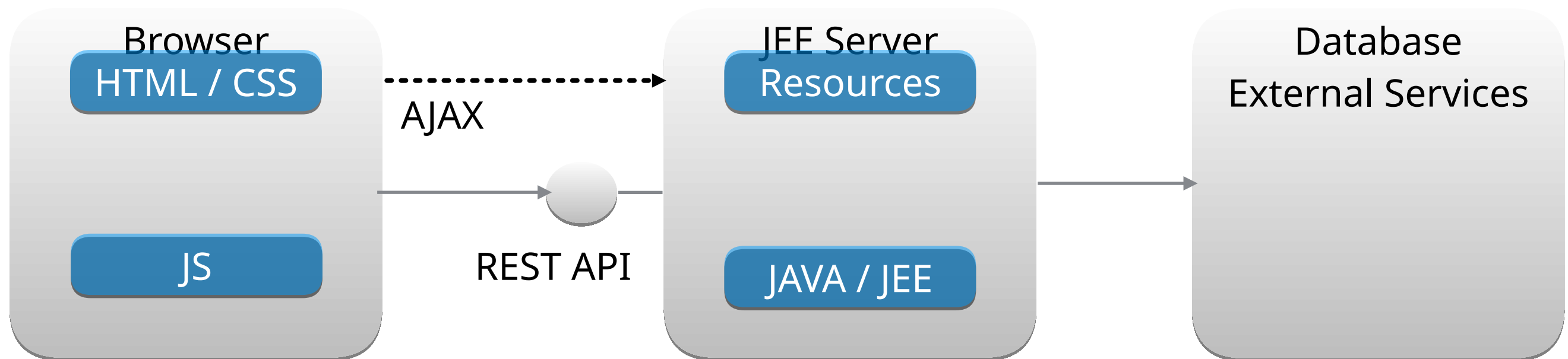
JavaTM

Single Page JEE Application

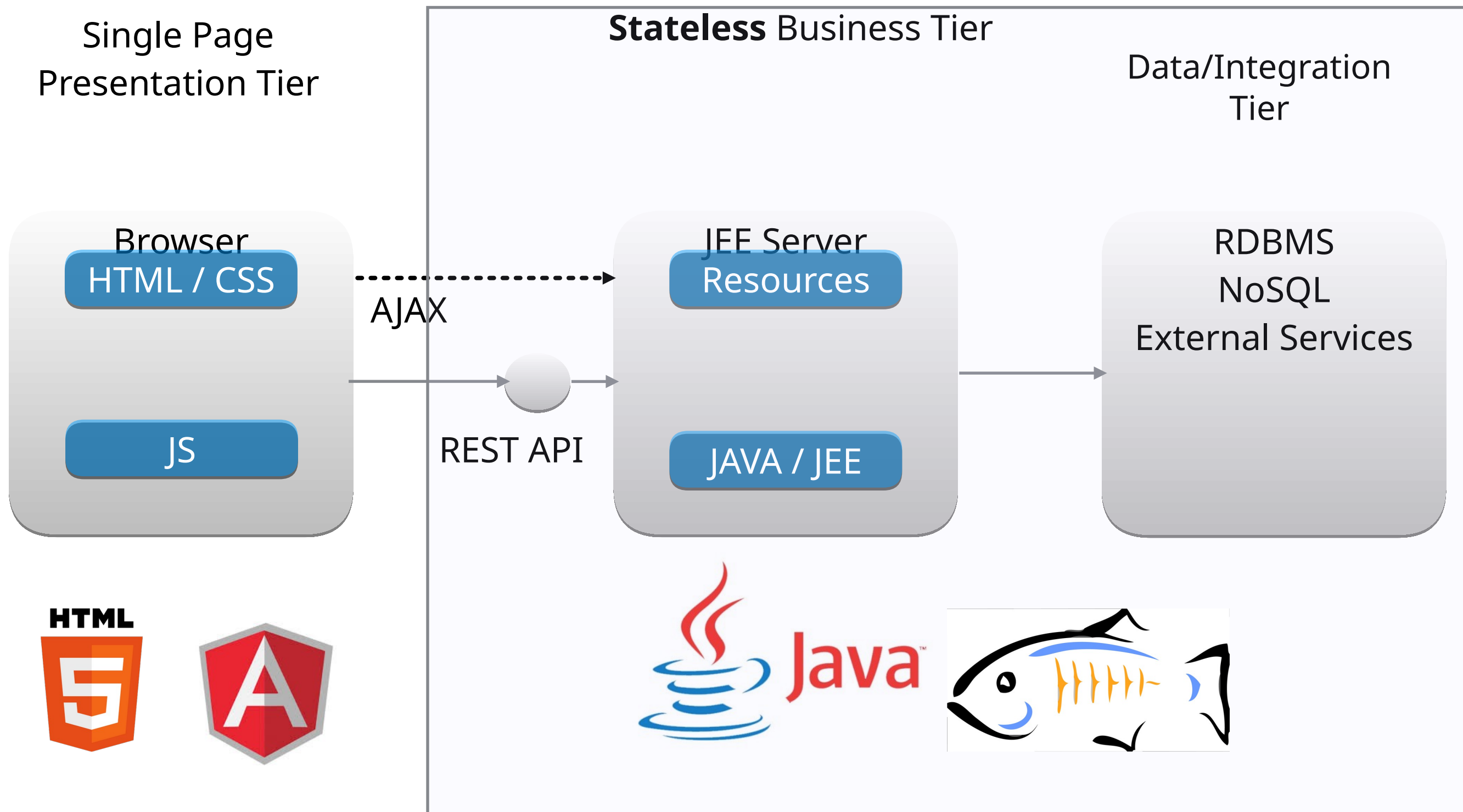
Single Page
Presentation Tier

Stateless Business Tier

Integration Tier



Step 1: Implementing a REST CRUD API with JEE7



Step 2: Implementing a AngularJS CRUD Client

Single Page
Presentation Tier

Browser
HTML / CSS

JS



Stateless Business Tier

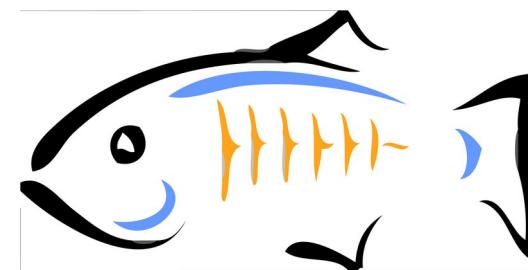
JEE Server
Resources

JAVA / JEE



Integration Tier

Database
External Services



AJAX

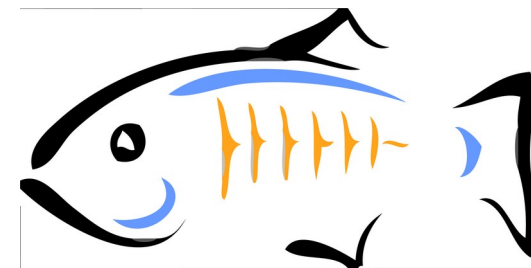
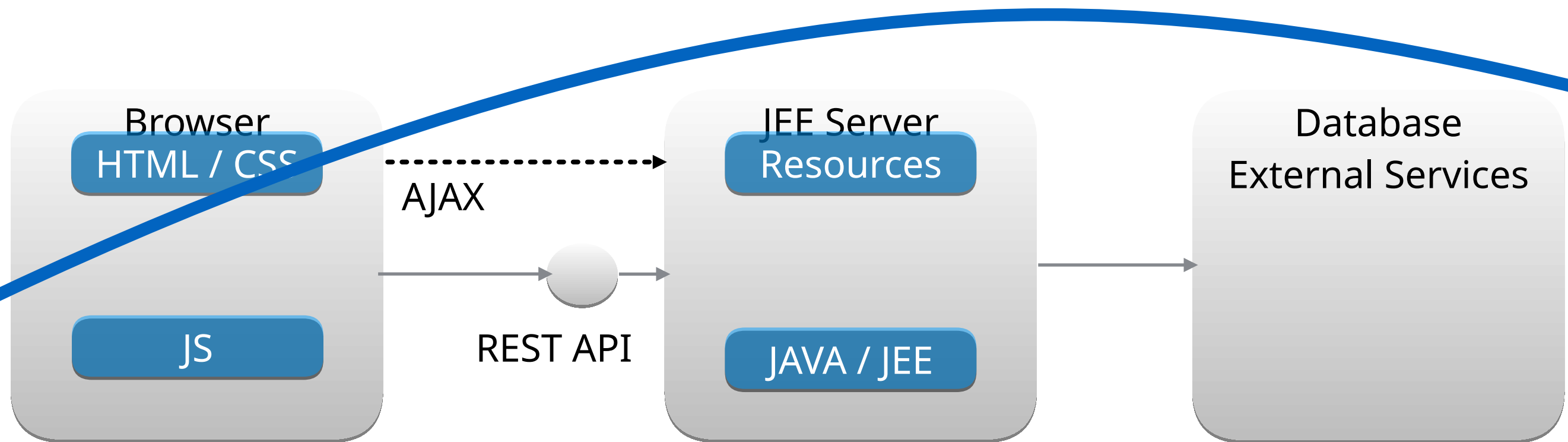
REST API

Step 3: Deliver as single WAR

Single Page
Presentation Tier

Stateless Business Tier

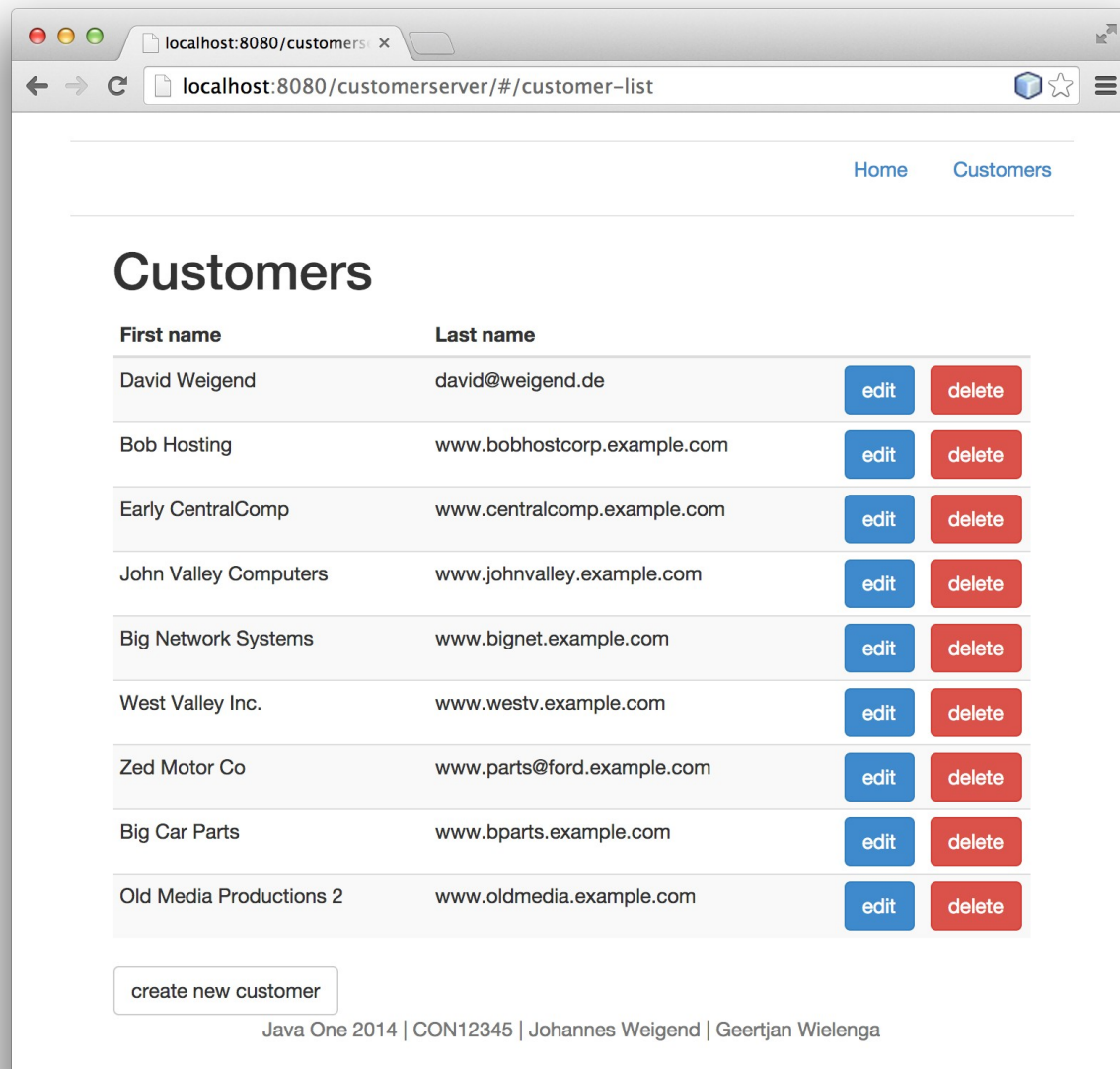
Integration Tier



This demo is available
on Github

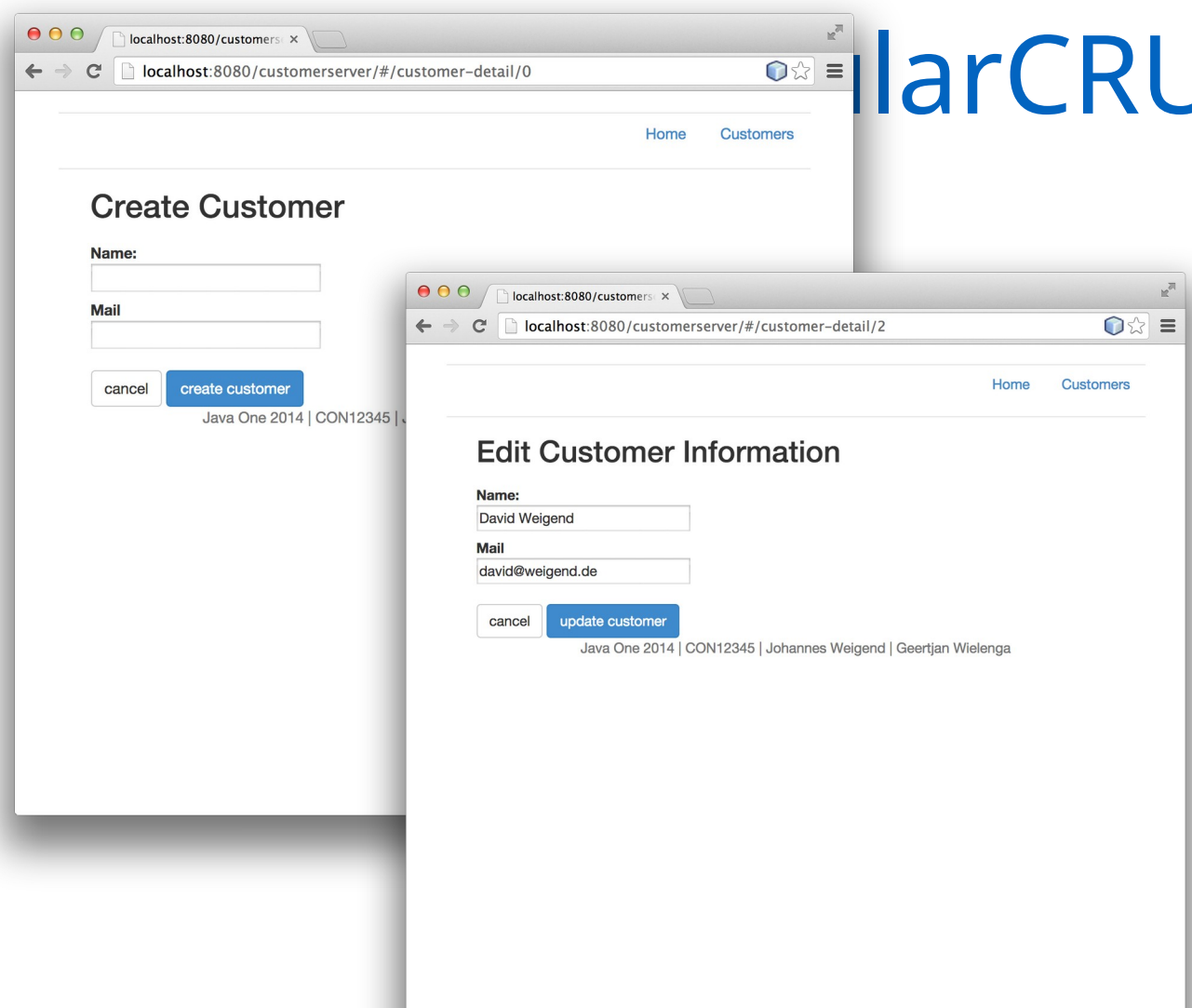
<https://github.com/jwv/jwv-spring-crud>

Similar CRUD



A screenshot of a web browser showing a list of customers. The browser's address bar displays `localhost:8080/customerserver/#/customer-list`. The page has a navigation bar with "Home" and "Customers" links. The main heading is "Customers". Below it is a table with two columns: "First name" and "Last name". Each row represents a customer and includes "edit" and "delete" buttons. At the bottom left, there is a "create new customer" button. The footer text reads "Java One 2014 | CON12345 | Johannes Weigend | Geertjan Wielenga".

First name	Last name	edit	delete
David Weigend	david@weigend.de		
Bob Hosting	www.bobhostcorp.example.com		
Early CentralComp	www.centralcomp.example.com		
John Valley Computers	www.johnvalley.example.com		
Big Network Systems	www.bignet.example.com		
West Valley Inc.	www.westv.example.com		
Zed Motor Co	www.parts@ford.example.com		
Big Car Parts	www.bparts.example.com		
Old Media Productions 2	www.oldmedia.example.com		



Two overlapping screenshots of the application. The background screenshot shows the "Create Customer" form with input fields for "Name:" and "Mail:", and buttons for "cancel" and "create customer". The foreground screenshot shows the "Edit Customer Information" form, pre-filled with "David Weigend" for "Name:" and "david@weigend.de" for "Mail:", with "cancel" and "update customer" buttons. The footer of the foreground form reads "Java One 2014 | CON12345 | Johannes Weigend | Geertjan Wielenga".