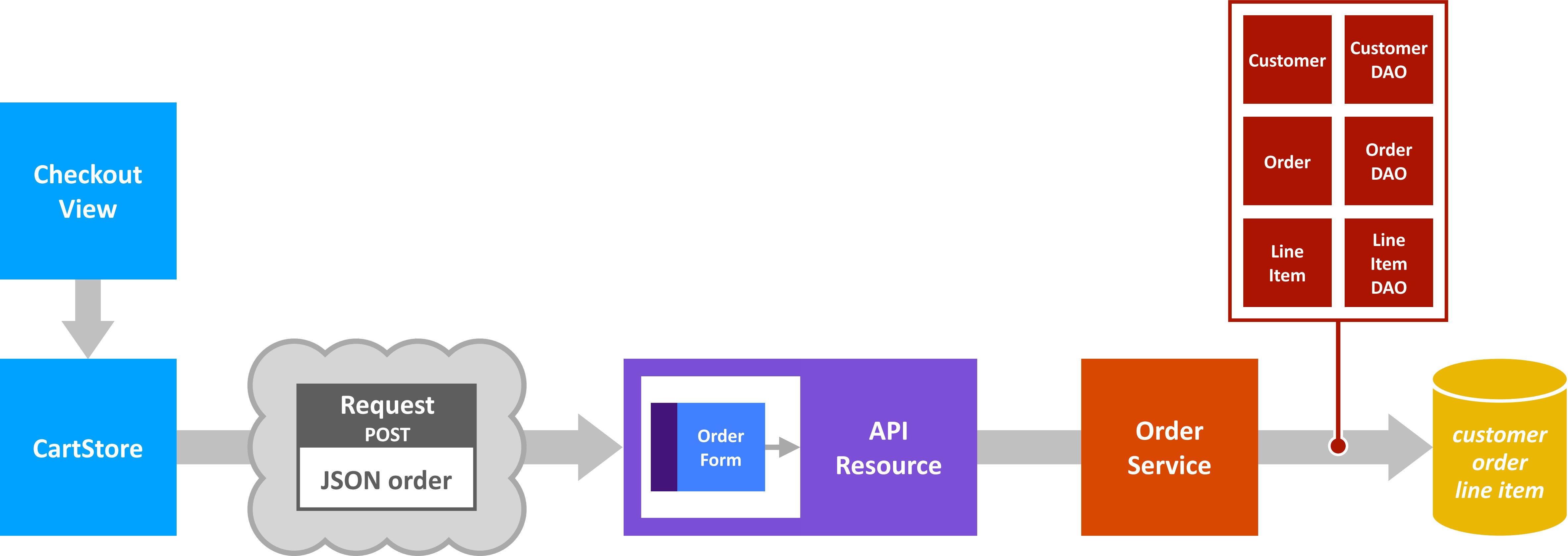
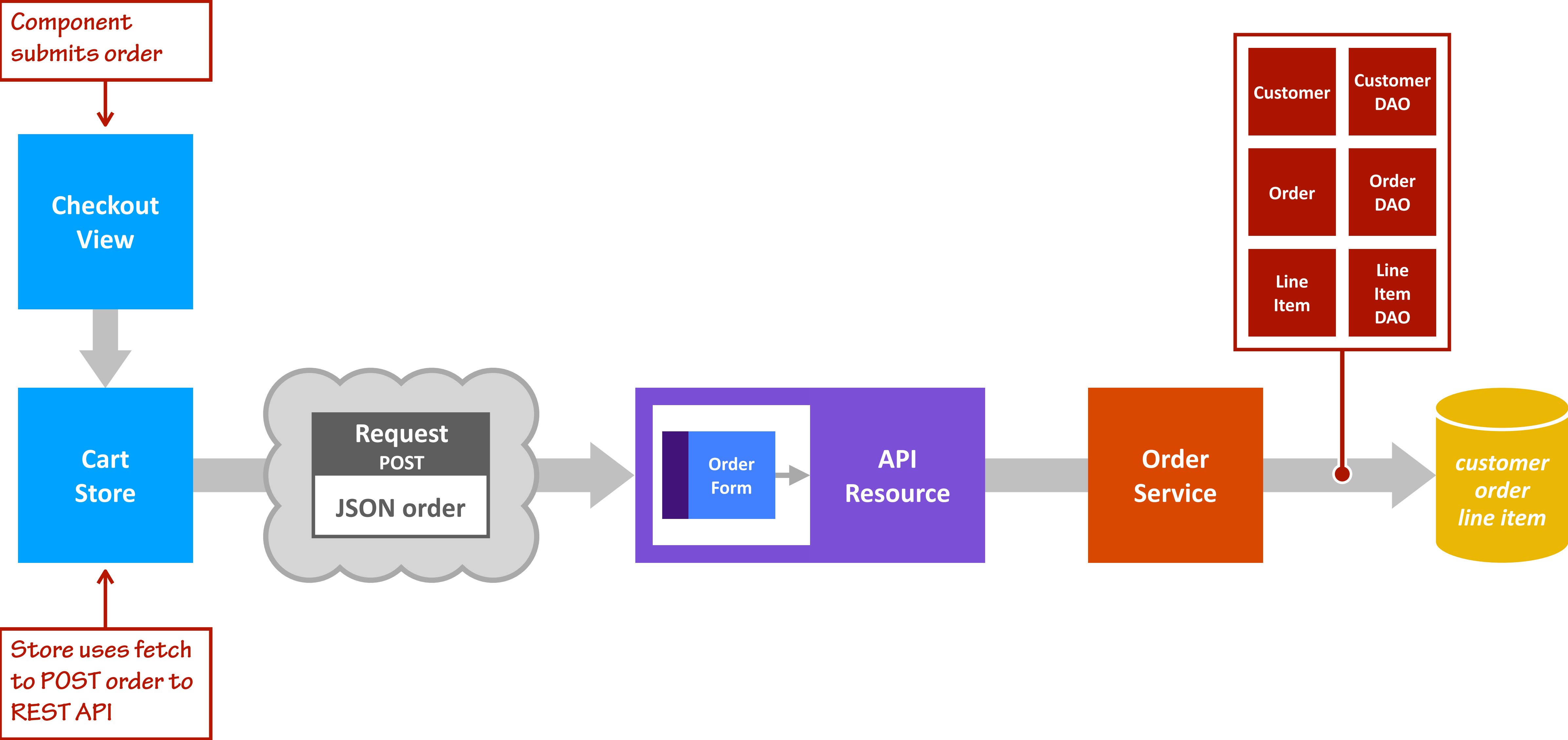
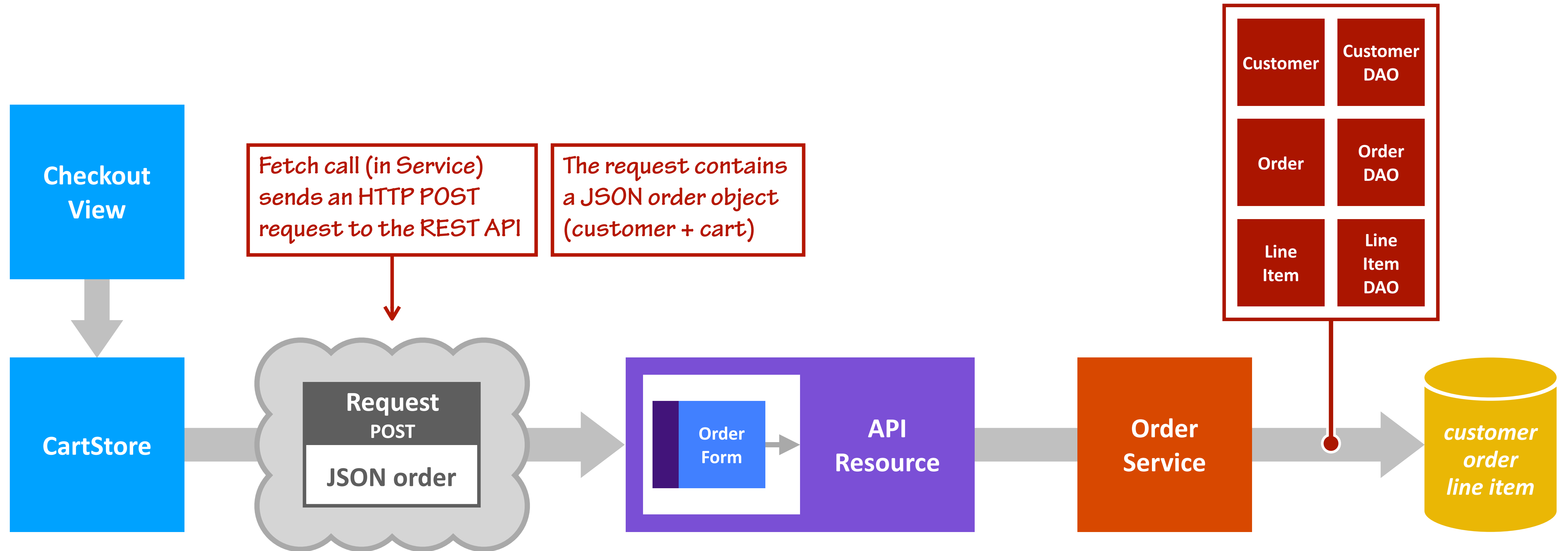


# **A submitOrder overview for the Bookstore project**

by Dr. K

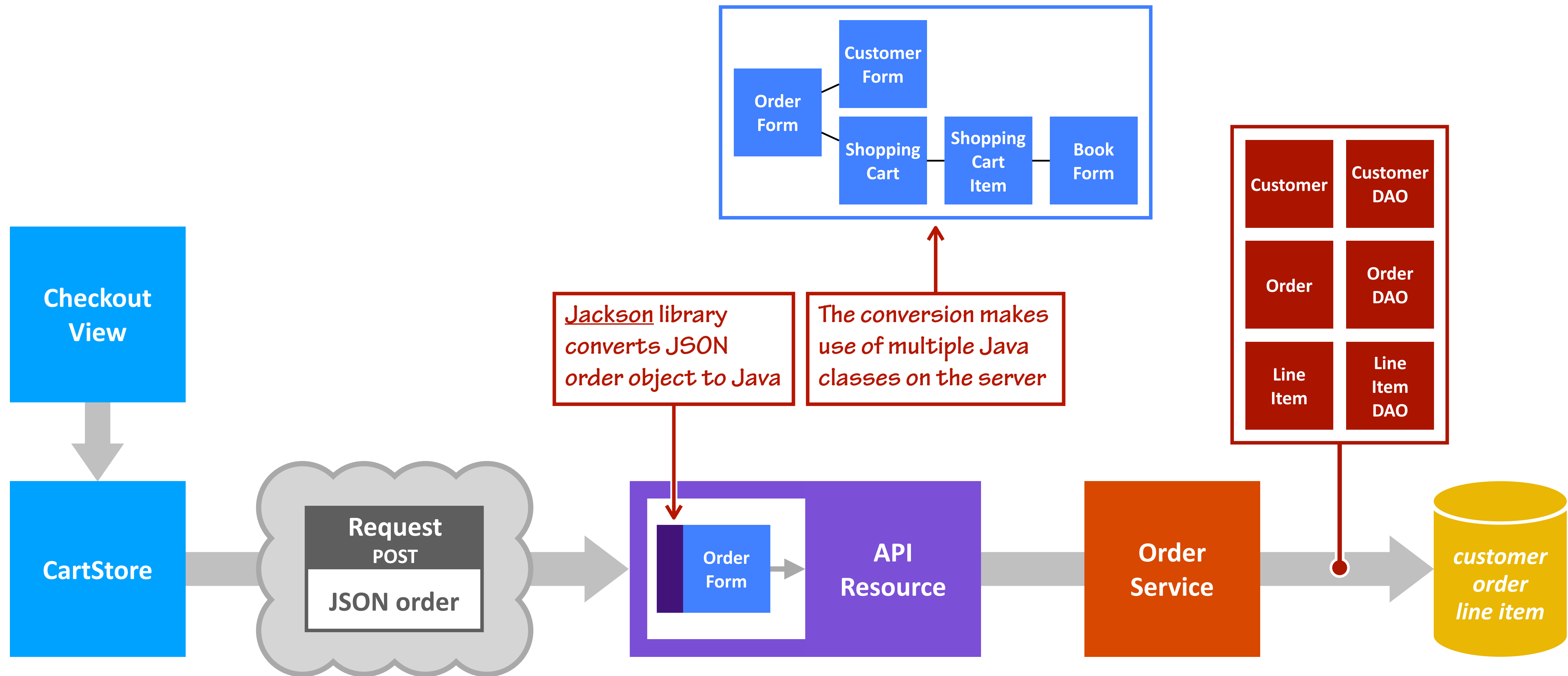


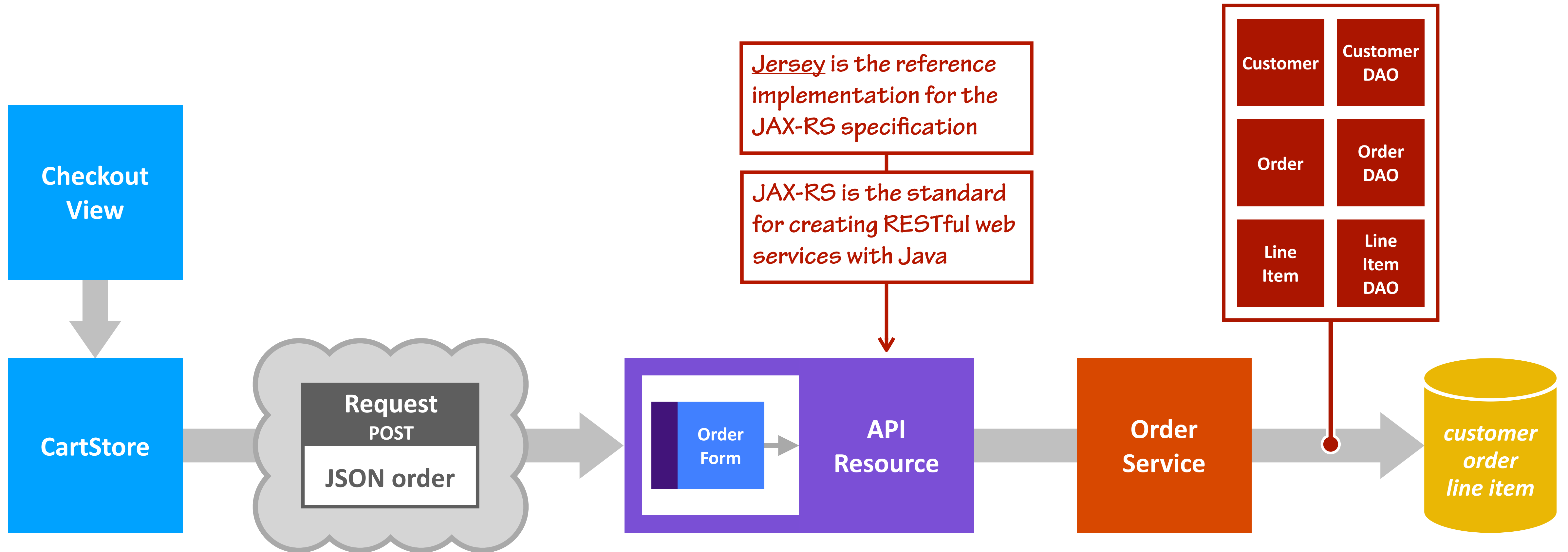


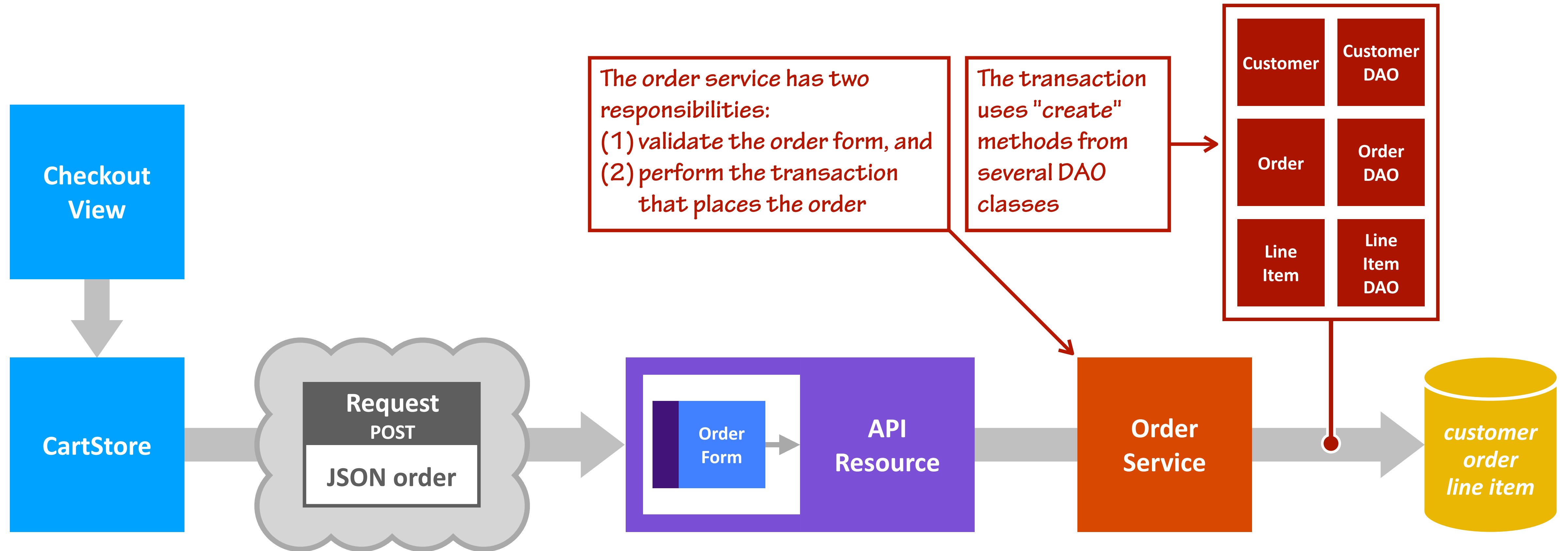


# HTTP Methods for RESTful APIs

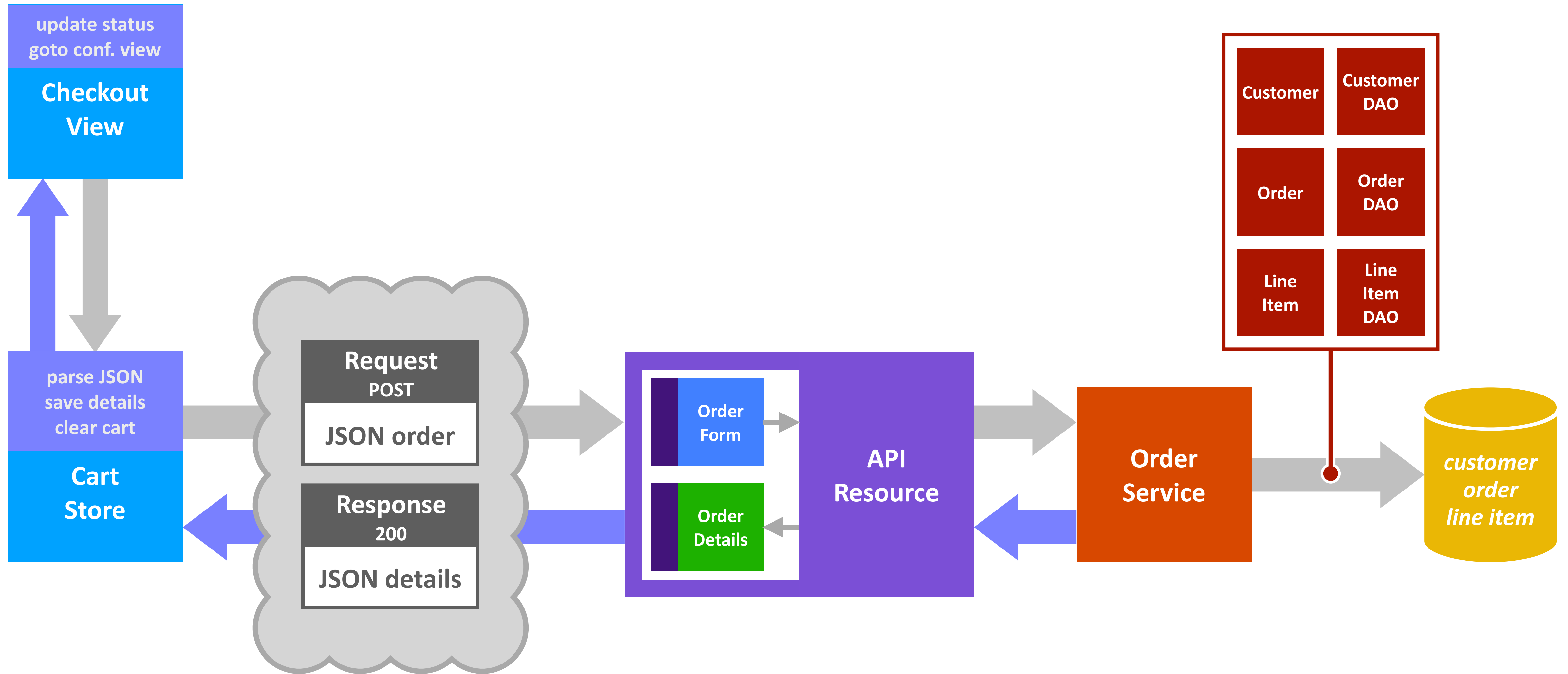
HTTP Method	Use	common responses	example request URI
GET	Use to access: a specific resource or a collection of resources	200 (OK) + body (JSON) 404 (not found)	api/categories/mystery api/categories
POST (simple)	Use to create a new resource in a collection	201 (created) + URI	api/customers
POST (complex)	Use for any operation not easily done by other methods	200 (OK) + body (JSON)	api/orders
PUT (or PATCH)	Use to update a resource	201 (created) + URI 200 (OK) or 204 (no content) 404 (not found)	api/customers/1234
DELETE	Use to remove a resource (or tag a resource for removal)	200 (OK) 202 (accepted) 404 (not found)	api/customers/1234











When placing an order is successful:  
(1) an order-details object is obtained by the REST API,  
(2) the Jackson library converts the Java object to JSON, and  
(3) an OK (200) response is returned to the client.

