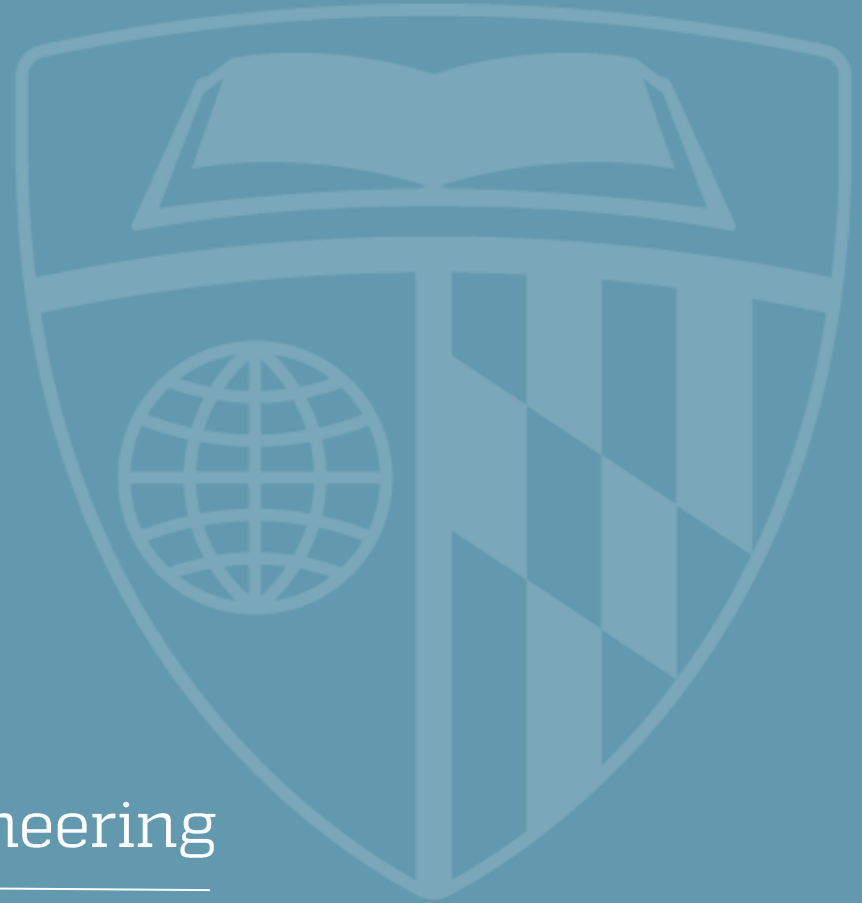




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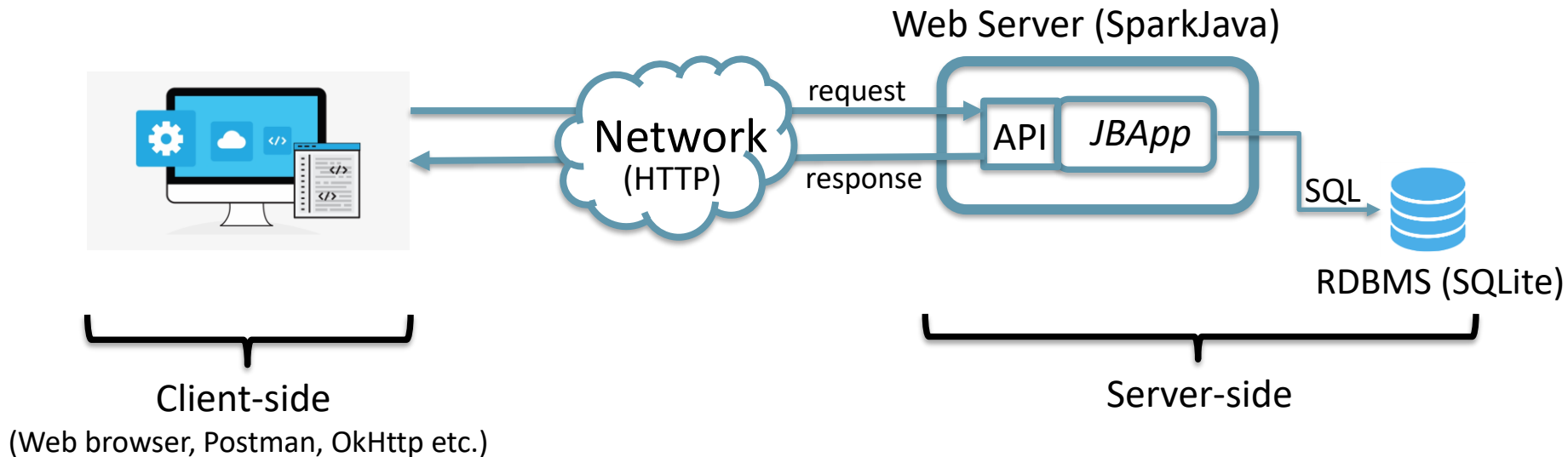


EN.601.421 / EN.601.621

# Object Oriented Software Engineering

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# Put All Together



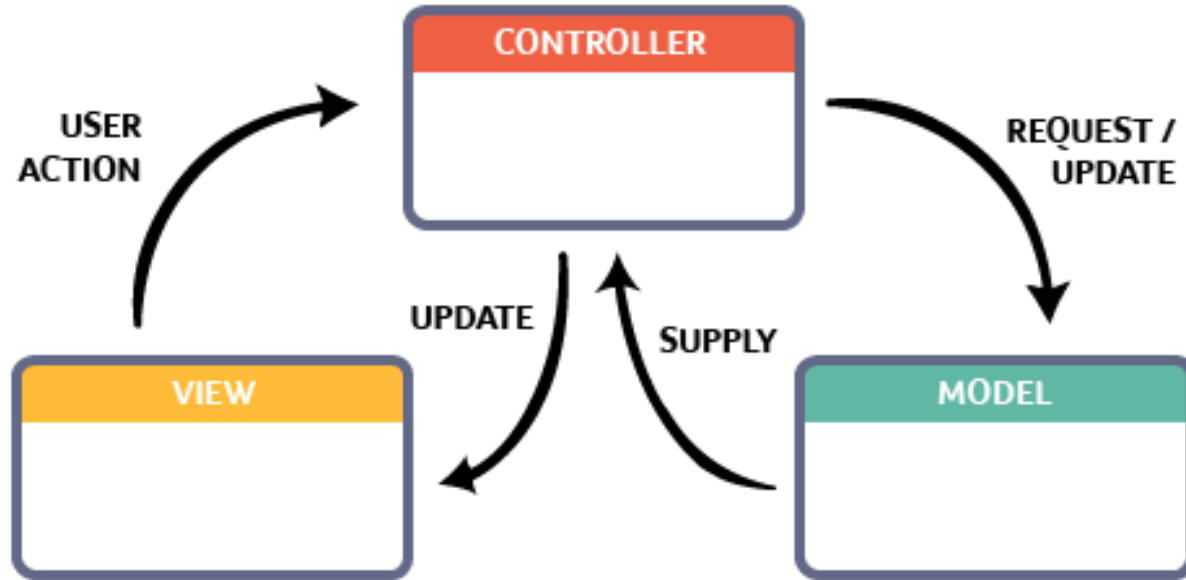
# HTTP Verbs

- ▶ HTTP defines a set of *request methods* to indicate the desired action to be performed for a given resource:
  - ❖ **GET**: requests to **read** data from the server side.
  - ❖ **POST**: used to submit and **create** new data on the server side.
  - ❖ **PUT**: used to **update** existing data on the server side.
  - ❖ **Delete**: used to **delete** existing data on the server side.

# HTTP Response Codes

Status	Meaning
200 (OK)	This is the standard response for successful HTTP requests.
201 (CREATED)	This is the standard response for an HTTP request that resulted in an item being successfully created.
204 (NO CONTENT)	This is the standard response for successful HTTP requests, where nothing is being returned in the response body.
400 (BAD REQUEST)	The request cannot be processed because of bad request syntax, excessive size, or another client error.
403 (FORBIDDEN)	The client does not have permission to access this resource.
404 (NOT FOUND)	The resource could not be found at this time. It is possible it was deleted, or does not exist yet.
500 (INTERNAL SERVER ERROR)	The generic answer for an unexpected failure if there is no more specific information available.

# Model-View-Controller (MVC)



# Apache Velocity

- ▶ An MVC-based template engine for Java



# HTTP Cookies





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