Introduction To Spring Boot Web MVC, MVC architecture.

Different types of APIS

1. REST APIs
2. SOAP APIs
3. Web sockets

REST APIs

REST (Representational State Transfer) APIs (Application Programming Interfaces)) are a set of rules and conventions for building and interacting with web services. REST are stateless, each request is **independent and complete**.

* GET /users: Retrieve a list of all users.
* GET /users/{id}: Retrieve a specific user by ID
* POST /users: Create a new user
* PUT /users/{id}: Update an existing user by ID
* PATCH /users/{id}: Partially update an existing user by ID
* DELETE /users/{id}: Delete a user by ID

Spring-boot-starter-web

REST APIs are used in spring boot through spring-boot-starter-web dependency. It contains the following child dependencies.

* Spring-boot-starter
* Jackson
* Spring-core
* Spring-mvc
* Spring-boot-starter-tomcat