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What is Spring Framework?



The Spring Framework is an open-source framework for building enterprise applications in Java. It provides comprehensive infrastructure support for developing Java applications, simplifying the development process and enabling developers to focus on writing business logic rather than dealing with tedious boilerplate code. Spring Framework includes features such as dependency injection, aspect-oriented programming, transaction management, and more, making it a popular choice for building robust and scalable applications.



How do we use API in spring?



In Spring, APIs are typically used to interact with external systems, services, or resources. Here is a general outline of how to use APIs in Spring: 1. Define the API interface: Create an interface that defines the methods and endpoints that will be used to interact with the API. 2. Implement the API interface: Create a class that implements the API interface and provides the necessary logic to interact with the external system or service. 3. Configure the API in Spring: Configure the API implementation as a Spring bean in the application context using annotations or XML configuration. 4. Use the API in your application: Inject the API bean into your application classes and use it to make calls to the external system or service. 5. Handle API responses: Handle the responses from the API calls in your application logic, and perform any necessary error handling or processing. Overall, using APIs in Spring involves defining, implementing, configuring, and using the API interfaces and implementations within your application to interact with external systems or services.

