Hibernate & Spring Data JPA

Beginner to Guru

When and Where to Validate?

When and Where to Validate?

- When and where should you validate data?

- Focus of course has been pre-persistence validation

- Consider a multi-tier application

  - ReactJS front end, Spring Boot RESTFul API, Spring Data JPA

  - User Input Validation, API Validation, Persistence Validation

When and Where to Validate?

- General Principle - Validate Early and Fail Early. Then Trust, but Verify

- User Input Validation

  - Validate all user input, provide rich feedback to end user

- API Validation - Validate data, provide rich feedback - HTTP 400 Bad Request

- Persistence Validation - last line of defense, validate data, provide rich data in exception

  - Should be HTTP 400, but might be HTTP 500

- Earlier failures are more consumer friendly

SPRING FRAMEWORK GURU