COURSE UPDATE : H2 Database URL

Changes in the Latest Versions of Spring Boot:

1) H2 database name is randomly generated each time you restart the server.

2) Data Loading from data.sql needs additional configuration

RECOMMENDED:

Use this configuration in application.properties

spring.datasource.url=jdbc:h2:mem:testdb;NON\_KEYWORDS=USER

spring.h2.console.enabled=true

spring.data.jpa.repositories.bootstrap-mode=default

spring.jpa.defer-datasource-initialization=true

**DEBUGGING GUIDE (If you have problems)**

**JPA Hibernate Debugging Guide**: <https://github.com/in28minutes/in28minutes-initiatives/blob/master/The-in28Minutes-TroubleshootingGuide-And-FAQ/jpa-and-hibernate.md>

**Why do we need to configure bootstrap-mode?** Details here - [https://github.com/spring-projects/spring-boot/wiki/Spring-Boot-2.3-Release-Notes#bootstrapmode-for-jpa-repositories](https://github.com/spring-projects/spring-boot/wiki/Spring-Boot-2.3-Release-Notes%23bootstrapmode-for-jpa-repositories)

**Why do we need defer-datasource-initialization?** Details here - [https://github.com/spring-projects/spring-boot/wiki/Spring-Boot-2.5.0-M3-Release-Notes#hibernate-and-datasql](https://github.com/spring-projects/spring-boot/wiki/Spring-Boot-2.5.0-M3-Release-Notes%23hibernate-and-datasql)