Options for Database Intialization

DDL = Data Definition Lang DML = Data Manipulation Lang

Hibernate

- Allows the database to be created from the JPA in memory
- Hibernate property is set by the Spring property `spring.jpa.hibernate.ddl-auto`
- Options are:
  - none - Hibernate does nothing
  - validate - Fail if there is a table or column missing
  - update - Automatically update database model by running ddl statements.*
  - create - Create tables everytime*
  - create-drop - Same as above except the table is dropped on termination*

*Use with cuation, not reccomended for all production systems

- Spring Boot will use create-drop for embedded databases (hsql, h2, derby) or none otherwise
- Data can be loaded from import.sql
  - Must be on the root of class path
  - Only executed if set to create or create-drop

Spring JDBC

- Spring DataSource initializer via Spring Boot will by default load schema.sql and data.sql from the root of the classpath
- Spring Boot will also load from schema-${platform}
- May conflict with Hibernate's DDL Auto property
  - Should use none or validate

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