Pretty-print cURL commands take this form (incorporating the controller’s mapping URL):

curl localhost:8080/account/accountstats/all/total | json\_pp

Graphical user interface, text

Description automatically generated

Above, I have “hit” one of the (sole) controller’s GET URLs -- it returns an idempotent value: 222222

****

The Applications’ Lifecycle

Text

Description automatically generated

CONTINUES

Text

Description automatically generated

****

Reasonable Level-Of-Effort (LOE)

Too much time spent adding missing annotations.

Assignment is fraught with excessive complexity -- especially trying to populate @ManyToMany relationships -- given that this is an hour-long interview.

The work I have put in has exceeded 1 hour by a factor > 5.

Consider using a better database vendor (MySQL comes to mind). The H2 client is messy. MySQL’s Workbench is mainstream and setting it up would better assess the technical acumen of candidates.

I have used both Flyway and Liquibase to define (via DDL) and migrate (via DML) schemas.

Consider having a candidate use Stored Procedures (SPROCs) instead of a subpar RDBMS like H2.

****

Thank for the exposure, but as a trading company, why would you use JPA/Hibernate -- it’s Query Plan is very s-l-o-w.

****

Better vetting of candidates could focus on Async processing, Event-driven architectures, and avoiding pitfalls like *avoiding* Java 8 Streams (“functional” programming) because:

Functional programming == slow runtime performance

Functional programming creates an idempotent backing-store/per operation

This is a RAM resource hog, and engenders excessive GC cycles under load (test it!!!)

****