Project Summary

This project demonstrates the use of the reverse engineering capabilities of Netbeans. Specifically, it demonstrates how to generate a set of entity classes from an existing MySQL database.

Design Development Insights

Honestly, coming from a .NET background I am familiar with this type functionality in .NET, which includes ADO Data Entity framework. I wasn't aware that Java offered similar functionality. In addition, this first time I have ever made use of JUnit test, which I found similar to the .NET testing framework.

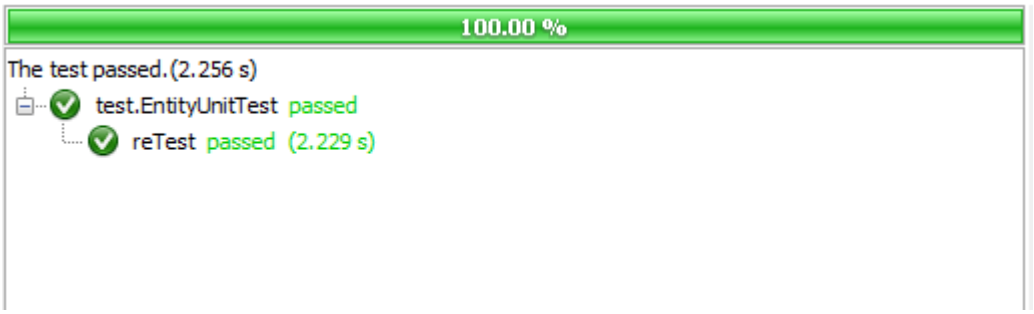
Requirements

To utilize (or run this) project—

1) Verify that MySQL is up and running
2) In Netbeans, update the connection attributes of the persistence.xml file to point to the world database configured on the local MySQL instance
    a. Note – If necessary, run the included Setup\world_innodb.sql script to populate the database with data
3) In Netbeans, right click the Test Package > test > EntityUnitTest class and select "Run File"

Screen Captures and Expected Results

When successfully, the EntityUnitTest class should produce the following test results.

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[EL Info]: 2013-10-15 07:11:22.338--ServerSession(12372401)--EclipseLink, version: Eclipse Pers
[EL Info]: connection: 2013-10-15 07:11:22.634--ServerSession(12372401)--file:/C:/Users/Brady/M
ARUBA__________
Cities: Oranjestad,
Languages: Dutch, English, Papiamento, Spanish,
AFGHANISTAN__________
Cities: Kabul, Qandahar, Herat, Mazar-e-Sharif,
Languages: Balochi, Dari, Pashto, Turkmenian, Uzbek,
ANGOLA__________
Cities: Luanda, Huambo, Lobito, Benguela, Namibe,
Languages: Ambo, Chokwe, Kongo, Luchazi, Luimbe-nganguela, Luvale, Mbundu, Nyaneka-nkhumbi, Ovi
ANGUILLA__________
Cities: South Hill, The Valley,
Languages: English,
ALBANIA
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