how to switch between two databases

In case of Single Data-Source:

when there is a single data base the data source and the entity manager the transaction manager which if programmer want to perform any operation with the database these all are required data source has been required entity manager has been required to manage your entities then transaction manager is required to perform the transaction in as in to save data to database to actually fetch data, all those are called as transactions. So all those all things are being managed and configured by Spring boot. It has a default property of a data source configuration which is enabled when programmer use a single database in his properties (“application.properties”) files; when database properties is configured, Spring boot reads the file dialect of the database. And the driver of the database and then sees the pom.xml checks that the dependencies what databases programmer has entered and the it configures the database for user (programmer).

Single Data base configured:

Database

Data Source

Entity

Manager

Transaction

Manager

Everything be it data source, entity manager, transaction manager will be managed by spring by reading the properties provided in “application.properties” file.

In case of Multiple Data-Sources:

When a programmer use two or more (multiple) databases Spring boot can’t configure the databases itself. Spring gets confused due to which database to pick?

That’s why programmer has to define different data Source, entity manager, Transaction manager for all databases that he used in application.

Database-1

Entity

Manager-1

Transaction

Manager -1

Data Source-1

Database-2

Entity

Manager-2

Transaction

Manager-2

Data Source-2

Screen shots:





