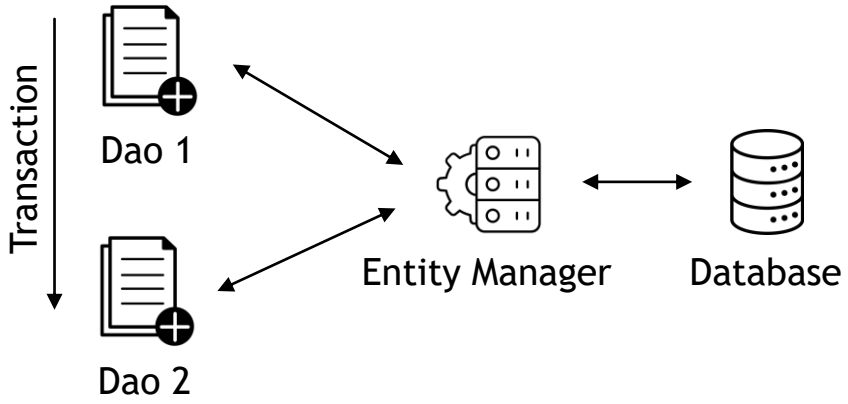
Spring Professional Exam Tutorial v5.0

Question 23

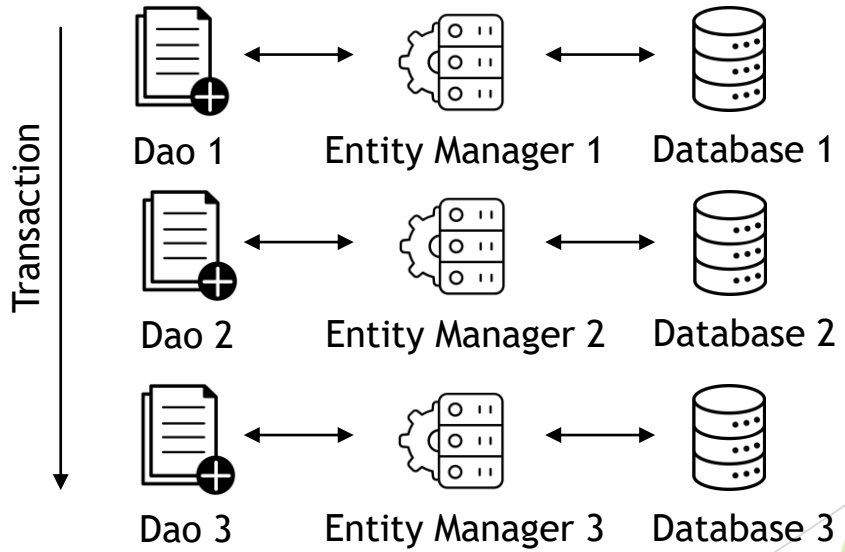
Question 23 - Which PlatformTransactionManager(s) can you use with JPA?

JPA can work with following transaction managers:

- `JpaTransactionManager` - recommended when working with one database and one Entity Manager
- `JtaTransactionManager` - recommended when working with multiple databases and Entity Managers, or when working with multiple databases and other transactional resources, for example one transaction needs to span Database and JMS Topic



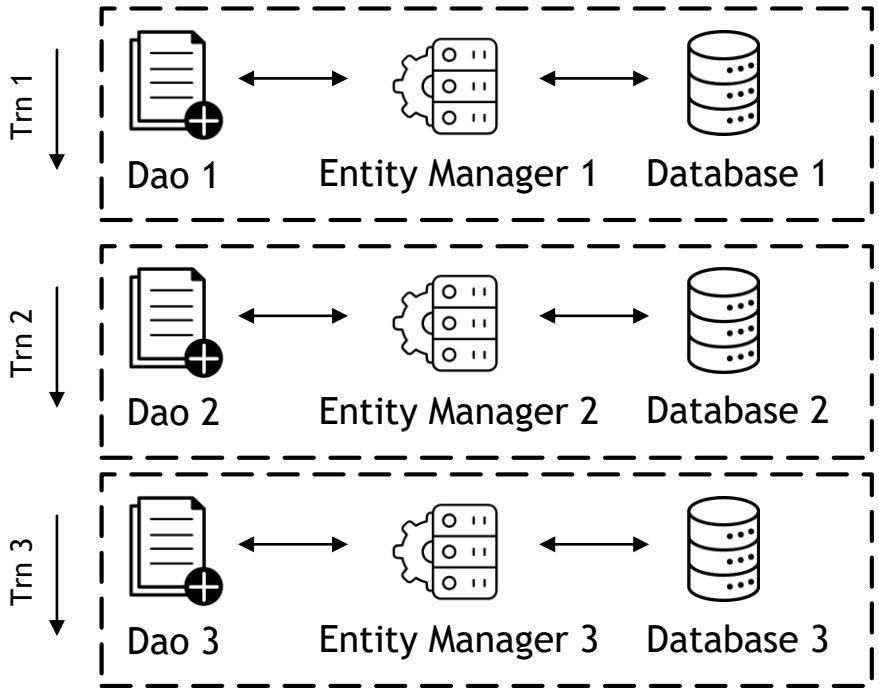
Single Database/Entity Manager Scenario
`JpaTransactionManager`



Multiple Databases/Entity Managers Scenario
`JtaTransactionManager`

Question 23 - Which PlatformTransactionManager(s) can you use with JPA?

Usage of `JpaTransactionManager` in case of multiple Databases / Transactional Resources / Entity Managers will cause each transaction, span only one resource, this is why `JtaTransactionManager` is required in this case.



Multiple Databases/Entity Managers Scenario with incorrectly used **`JpaTransactionManager`** for this case use **`JtaTransactionManager`**