

Spring Professional Exam Tutorial v5.0

Question 28

Question 28 - How are Spring Data repositories implemented by Spring at runtime?

Spring Repositories are implemented at runtime by `SimpleJpaRepository` by default.

When application context is starting up, Spring will scan for all classes annotated with `@Configuration`. When `@Configuration` class with `@EnableJpaRepositories` will be detected, `JpaRepositoriesRegistrar` with `JpaRepositoryConfigExtension` will be used to create beans for repositories in packages pointed out by `basePackages` field in `@EnableJpaRepositories`. `JpaRepositoryFactoryBean` will use `JpaRepositoryFactory` to create beans based on bean definitions and by default will create instance of `SimpleJpaRepository` class for each Repository interface.

Class used for implementation of Repository interface can be customized on:

- ▶ Global level, by using `repositoryBaseClass` field from `@EnableJpaRepositories` annotation
- ▶ Single Dao/Repository by creating separate interface and Impl class for behavior that you want to customize

