JPA repository

JpaRepository is a interface which is present in Spring Data Jpa which provides various methods by which we can perform operations on D.B

For ex –

save(object)

findById(id)

deleteById(id)

findAll()

And its implementation is given by SpringDataJpa.

@Query annotation is used to create custom query inside Repository interface

For ex -

public interface UserRepository extends JpaRepository<User, Long> {

@Query("SELECT u FROM User u WHERE u.name = :name")

User findUserByName(@Param("name") String name);

}

HTTP VS HTTPS

In https s stands for secure.

In http data is sent without encryption.

In https data is sent with encryption.

Performance wise http is faster

https is little bit slower due to encryption and decryption

Http should be used for non-sensitive data

Https should be used for sensitive data

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| --- | --- |
| Spring 5 | Spring 6 |
| Spring 5 requires minimum java8 | Spring 6 requires minimum java17 |
| Java EE | Jakarta EE |
| Deprecated APIs available | Deprecated APIs removed |
| XML configuration and java based configuration available | Removed XML configuration only java based config |
| OAuth2 authentication was external dependency | OAuth2 authentication is internal dependency |