**Difference between JPA, Hibernate and Spring Data JPA**

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| Feature | JPA | Hibernate | Spring Data JPA |
| Type | Specification | Implementation | Framework built on JPA |
| Provider | Defined by Oracle | Developed by Red Hat | Part of Spring ecosystem |
| Purpose | Standard API for persistence | Provides actual implementation of JPA and additional features | Simplifies data access using repositories |
| Boilerplate Code | Requires boilerplate code | Somewhat reduced | Minimizes boilerplate code further |
| Querying | JPQL | JPQL, HQL, Criteria, Native SQL | Method name queries, JPQL, Native SQL |
| Custom Queries | Requires manual implementation | Supports many methods | Automatic method query derivation |
| Ease of Use | More verbose | Moderate | Easiest to use |
| Integration | Needs manual setup | Needs integration | Easily integrates with Spring Boot |
| Entity Management | Defines entities | Manages entities and caching | Manages entities through repositories |