

Spring Boot

Spring Framework

Spring Data ▾

Spring Data JDBC

Spring Data JPA

Spring Data LDAP

Spring Data MongoDB

Spring Data Redis

Spring Data R2DBC

Spring Data REST

Spring Data for Apache
Cassandra

Spring Data for Apache Geode

Spring Data Couchbase

Spring Data Elasticsearch

Spring Data Envers

Spring Data Neo4j

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Spring Cloud Data Flow

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Spring REST Docs

Spring AI

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Spring Web Flow

Spring Web Services

Spring Data JPA

3.3.1



OVERVIEW

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SAMPLES

Spring Data JPA, part of the larger Spring Data family, makes it easy to easily implement JPA-based (Java Persistence API) repositories. It makes it easier to build Spring-powered applications that use data access technologies.

Implementing a data access layer for an application can be quite cumbersome. Too much boilerplate code has to be written to execute the simplest queries. Add things like pagination, auditing, and other often-needed options, and you end up lost.

Spring Data JPA aims to significantly improve the implementation of data access layers by reducing the effort to the amount that's actually needed. As a developer you write your repository interfaces using any number of techniques, and Spring will wire it up for you automatically. You can even use custom finders or query by example and Spring will write the query for you!

Support Policy and Migration

For information about minimum requirements, guidance on upgrading from earlier versions and support policies, please check out [the official Spring Data release train wiki page](#).

Also check out the [supported versions of Spring Data JPA in relation to Spring Boot](#).

Features

- [Getting Started](#): Sophisticated support to build repositories based on Spring and JPA
- [Various Query Methods](#): Pagination support, dynamic query execution, ability to integrate custom data access code
- Validation of `@Query` annotated queries at bootstrap time
- Support for [Querydsl](#) predicates and type-safe JPA queries
- [Auditing](#): Transparent auditing of domain class
- [Configuration](#): Modern configuration using annotations as well as legacy support for XML-based systems.



Quickstart Your Project

Bootstrap your application with [Spring Initializr](#).

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VMware offers training and certification to turbo-charge your progress.

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Get support

Tanzu Spring offers support and binaries for OpenJDK™, Spring, and Apache Tomcat® in one simple subscription.

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Upcoming events

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