

# Spring Framework Documentation

Version 5.1.18.RELEASE

*What's New, Upgrade Notes, Supported Versions, and other topics, independent of release cadence, are maintained externally on the project's [Github Wiki](#).*

## Overview

history, design philosophy, feedback, getting started.

## Core

IoC Container, Events, Resources, i18n, Validation, Data Binding, Type Conversion, SpEL, AOP.

## Testing

Mock Objects, TestContext Framework, Spring MVC Test, WebTestClient.

## Data Access

Transactions, DAO Support, JDBC, O/R Mapping, XML Marshalling.

## Web Servlet

Spring MVC, WebSocket, SockJS, STOMP Messaging.

## Web Reactive

Spring WebFlux, WebClient, WebSocket.

## Integration

Remoting, JMS, JCA, JMX, Email, Tasks, Scheduling, Caching.

## Languages

Kotlin, Groovy, Dynamic Languages.

Rod Johnson, Juergen Hoeller, Keith Donald, Colin Sampaleanu, Rob Harrop, Thomas Risberg, Alef Arendsen, Darren Davison, Dmitriy Kopylenko, Mark Pollack, Thierry Templier, Erwin Vervaet, Portia Tung, Ben Hale, Adrian Colyer, John Lewis, Costin Leau, Mark Fisher, Sam Brannen, Ramnivas Laddad, Arjen Poutsma, Chris Beams, Tareq Abedrabbo, Andy Clement, Dave Syer, Oliver Gierke, Rossen Stoyanchev, Phillip Webb, Rob Winch, Brian Clozel, Stephane Nicoll, Sebastien Deleuze, Jay Bryant

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