

Spring Batch - Reference Documentation

Version 4.1.1.RELEASE

Welcome to the Spring Batch reference documentation! This documentation is also available as single [html](#) and [pdf](#) documents.

The reference documentation is divided into several sections:

Spring Batch Introduction

Background, usage scenarios and general guidelines.

What's new in Spring Batch 4.1

New features introduced in version 4.1.

The Domain Language of Batch

Core concepts and abstractions of the Batch domain language.

Configuring and Running a Job

Job configuration, execution and administration.

Configuring a Step

Step configuration, different types of steps, controlling step flow.

ItemReaders and ItemWriters

Item readers and writers interfaces and how to use them.

Scaling and Parallel Processing

Multi-threaded steps, parallel steps, remote chunking and partitioning.

Repeat

Completion policies and exception handling of repetitive actions.

Retry

Retry and backoff policies of retryable operations.

Unit Testing

Job and Step testing facilities and APIs.

Common Patterns

Common batch processing patterns and guidelines.

JSR-352 Support

JSR-352 support, similarities and differences with Spring Batch.

Spring Batch Integration

Integration between Spring Batch and Spring Integration projects.

The following appendices are available:

List of ItemReaders and ItemWriters

List of all item readers and writers provided out-of-the box.

Meta-Data Schema

Core tables used by the Batch domain model.

Batch Processing and Transactions

Transaction boundaries, propagation and isolation levels used in Spring Batch.

Glossary

Glossary of common terms, concepts and vocabulary of the Batch domain.

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