Just Spring Integration

Get started with Spring Integration, the lightweight Java-based framework that makes designing and developing message-oriented architectures a breeze. Through numerous examples, you’ll learn how to use this open source framework’s basic building blocks to work with both inter- and intra-application programming models.

If you’re a Java developer familiar with the Spring framework (perhaps through O’Reilly’s Just Spring tutorial) and want to advance your skills with Enterprise Application Integration (EAI) patterns, and messaging systems in particular, this book is ideal.

- Learn Spring Integration fundamentals, including channels, endpoints, and messages
- Use message channels to decouple applications, separating producers from consumers
- Discover how common endpoint patterns separate a messaging application’s business logic from integration details
- Create a seamless integration between the endpoints, using Transformers
- Implement Spring Integration’s flow components to design your messaging application’s business flow
- Configure the framework’s File, FTP, JMS, and JDBC adapters to integrate with external systems

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# Table of Contents

**Foreword** .......................................................... vii  
**Preface** ............................................................. ix  

1. **Integration Fundamentals** ........................................ 1  
   Introduction ....................................................... 1  
   Integration Strategies .......................................... 1  
   Messaging Patterns ............................................. 2  
   Traditional Programming Model .............................. 3  
   Standalone Messaging Model ................................ 5  
   Summary .......................................................... 7  

2. **Basics** ............................................................. 9  
   Introduction ....................................................... 9  
   Messages .......................................................... 9  
   Dissecting a Message ......................................... 9  
   Generic Implementation ..................................... 10  
   Message Channels ............................................... 11  
   Declaring Channels .......................................... 12  
   Endpoints ........................................................ 12  
   Service Activator Endpoint Example .................... 12  
   Example .......................................................... 13  
   Summary .......................................................... 15  

3. **Message Channels** ............................................... 17  
   Introduction ....................................................... 17  
   Message Channels ............................................... 17  
   Receiving Messages .......................................... 18  
   Queue Channel ................................................ 21  
   Priority Channel .............................................. 22  
   Rendezvous Channel ......................................... 23
4. Endpoints .................................................. 29
   Introduction ........................................... 29
   Common Endpoints ................................... 29
      Service Activator .................................. 30
      Message Bridge .................................... 31
      Message Enricher .................................. 32
      Gateway ............................................ 34
      Delayer ............................................. 37
      Spring Expressions ................................ 37
      Scripting Support .................................. 38
      For the Curious: Endpoint API ................... 38
         Consumers ....................................... 39
   Summary ............................................... 42

5. Transformers .............................................. 43
   Introduction ........................................... 43
   Built-In Transformers ................................ 43
      String Transformers ............................... 43
      Map Transformers .................................. 44
      Serializing and Deserializing Transformers .... 44
      JSON Transformers ................................ 45
      XML Transformers .................................. 46
      XPath Transformers ................................ 47
   Custom Transformers ................................ 48
      Trade Map Transformer ............................. 48
      String Transformer ................................ 49
   Using Annotations .................................... 50
   Summary ............................................... 51

6. Flow Components ........................................... 53
   Introduction ........................................... 53
   Filters .................................................. 53
      Using Custom Filters ............................... 54
      Using Framework’s MessageSelector ............. 55
      Using Annotations .................................. 55
   Discarded Messages ................................... 56
   Routers ................................................. 57
7. Adapters ........................................................................................................ 69
   Introduction 69
   File Adapters
      Using Namespace 70
      Standalone File Readers 72
      Outbound Adapters 73
      Standalone File Adapters 74
   FTP Adapters
      Session Factory 74
      Inbound FTP Adapters 75
      Outbound FTP Adapters 76
   JMS Adapters
      Inbound Adapters: Receiving Messages 77
      Publishing Messages: Outbound Adapters 79
   JDBC Adapters
      Inbound JDBC Adapters 79
      Outbound JDBC Adapters 80
   Summary 81
Foreword

It’s a tough challenge to find the right depth and the right level of abstraction when introducing a new technology. A book can go too deep, and risk miring the reader in technological minutiae. This is hardly helpful, and—more often than not—it’s boring. A book can also stay at a very abstract level, and revel in theory, but even this is boring and useless for someone who hopes to achieve anything useful. Instead, the best books treat a new technology as a dark room. They hold your hand and introduce the concepts as you’re likely to encounter them, while saving you from missteps that you might otherwise make. This is one such book: it introduces the concepts of Spring Integration’s API, along with their designs, but lets you move onto the next subject and keep the entire mental map of the room in your head.

If you’re new to integration, and new to Spring Integration in particular, then let Madhusudhan Konda hold your hand and lead you to the light ahead, in this easy-to-read guide, *Just Spring Integration*. When you’re done, you’ll be up and running, and if you still need more details, then you can always consult the Spring Integration project page for in-depth features and access to the forums.

—Josh Long
About the Author

Madhusudhan Konda is an experienced Java consultant working in London, primarily with investment banks and financial organizations. Having worked in Enterprise and core Java for the last 12 years, his interests lie in distributed, multi-threaded, n-tier scalable, and extensible architectures. He is experienced in designing and developing high-frequency and low-latency application architectures. He enjoys writing technical papers and is interested in mentoring.