# Functional Programming in Scala

*By Paul Chiusano, Rúnar Bjarnason*

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**Functional Programming in Scala** By Paul Chiusano, Rúnar Bjarnason

**Summary**

*Functional Programming in Scala* is a serious tutorial for programmers looking to learn FP and apply it to the everyday business of coding. The book guides readers from basic techniques to advanced topics in a logical, concise, and clear progression. In it, you'll find concrete examples and exercises that open up the world of functional programming.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

**About the Technology**

Functional programming (FP) is a style of software development emphasizing functions that don't depend on program state. Functional code is easier to test and reuse, simpler to parallelize, and less prone to bugs than other code. Scala is an emerging JVM language that offers strong support for FP. Its familiar syntax and transparent interoperability with Java make Scala a great place to start learning FP.

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This book assumes no prior experience with functional programming. Some prior exposure to Scala or Java is helpful.

**What's Inside**

- Functional programming concepts
- The whys and hows of FP
- How to write multicore programs

- Exercises and checks for understanding

**About the Authors**

**Paul Chiusano** and **Rúnar Bjarnason** are recognized experts in functional programming with Scala and are core contributors to the Scalaz library.

**Table of Contents**

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1. What is functional programming?

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## Editorial Review

About the Author

**Paul Chiusano** has been writing and shipping functional code in Scala since 2008 and is responsible for the introduction and growth of Scala usage at his company. As part of this effort he co-designed a functional programming curriculum and taught an internal course for coworkers interested in learning FP. Paul is also a regular blogger and speaker on functional programming and Scala.
**Rúnar Bjarnason** is a self-taught programmer with two decades of industry experience, focusing on functional programming since 2008. He blogs and occasionally speaks on functional programming and the Scala programming language.

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