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Part 1 Introduction to

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functional  
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sets it apart from  
Java. This book will  
help you translate  
what you already  
know in Java to Scala



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reactive, scalable

applications and

integrate Java code

with the power of

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developers. Andreas  
makes nice  
comparisons from  
Scala to Java, and



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Developer - Technical  
Lead Major Glasgow  
client currently require  
a ... keen to hear from  
candidates from both  
Java and Scala  
backgrounds. Ideal if  
you have both ... -  
JSON / RESTful using  
Spring Desirable: -  
Any Scala skills are a  
big plus - Spark / ...  
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Scala and use both  
languages in  
projects? Thomas  
Alexandre makes a  
compelling case for  
"yes" in this well-  
structured, well-

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and short, focused  
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demonstrate how  
smoothly Scala and  
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experience necessary  
in Scala.

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follow code taken  
from real-world  
examples explaining  
the migration and  
integration of Scala in  
a Java project. If you

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Developers more  
concisely than in  
Java, as well as  
leverage the full  
power of concurrency.  
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library and is  
interoperable with  
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sized” chunks that  
you can quickly  
master and apply.  
Hands-on activities  
guide you through  
well-defined stages of  
competency, from  
basic to expert.

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with Scala’s  
interpreter, syntax,  
tools, and unique  
idioms Mastering core



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Developers:  
language features:  
functions, arrays,  
maps, tuples,  
packages, imports,  
exception handling,  
and more Becoming  
familiar with object-  
oriented programming  
in Scala: classes,  
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“power tools” such as  
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and delimited  
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Discover how to think and write in expressions, the

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Functional

programming (FP) is

a style of software

development

emphasizing functions

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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

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Getting started with functional

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Functional data

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Monads Applicative  
and traversable

functors PART 4

EFFECTS AND I/O

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I/O Local effects and  
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processing and  
incremental I/O

Get up to speed on  
Scala, the JVM

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including Akka

Understand how to  
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specific languages

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techniques for  
building scalable and  
robust Scala  
applications

Build reactive,

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Develop scalable applications  
and integrate Java  
code with the power  
of Scala Overview  
Learn the syntax  
interactively to  
smoothly transition to  
Scala by reusing your  
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the full power of  
modern web  
programming by  
building scalable and  
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start using Scala in  
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