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Functional programming is becoming increasingly widespread in industry. This trend is driven by the adoption of Scala as the main programming language for many applications. Scala fuses functional and object-oriented programming in a practical package. It interoperates seamlessly with both Java and ...

Functional Programming Principles in Scala | Coursera
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.

Functional Programming in Scala - amazon.com
In computer science, functional programming is a programming paradigmâ€"a style of building the structure and elements of computer programsâ€"that treats computation as the evaluation of mathematical functions and avoids changing-state and mutable data. It is a declarative programming paradigm, which means programming is done with expressions or declarations instead of statements.

Functional programming - Wikipedia
Save time and trouble when using Scala to build object-oriented, functional, and concurrent applications. With more than 250 ready-to-use recipes and 700 code examples, this comprehensive cookbook covers the most common problems youâ€™ll encounter when using the Scala language, libraries, and tools.

Scala Cookbook: Recipes for Object-Oriented and Functional
Scala (/ Ëˆ s k É‘Ë• l É‘Ë• / SKAH-lah) is a general-purpose programming language providing support for functional programming and a strong static type system.Designed to be concise, many of Scala's design decisions aimed to address criticisms of Java. Scala source code is intended to be compiled to Java bytecode, so that the resulting executable code runs on a Java virtual machine.

Scala (programming language) - Wikipedia
Foreword. Martin Odersky made a huge impact on the Java world with his design of the Pizza language. Although Pizza itself never became popular, it demonstrated that object-oriented and functional language features, when combined with skill and taste, form a natural and powerful combination.

Programming in Scala, First Edition - artima.com
Functional programming has very long history and a lot of books was released in paper & electronic forms. These books covers all areas, from theoretical foundations of functional programming to programming in concrete languages & frameworks.

Functional programming books overview - Alex Ott
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It's not hard to write IO code in pure functional languages. They all provide a simple mechanism for writing IO code that works just like it does in imperative languages. All they do is enforce that you can't call IO code inside other code whose interface is declared as not performing IO. An analogy would be a dynamic language programmer complaining that a statically typed language like Java ...

Why functional languages? - Stack Overflow
Find out how to craft effective, business-oriented Java EE 8 applications that target customerâ€™s demands in the age of Cloud platforms and container technology. Understand the principles of modern Java EE and how to realize effective architectures Gain knowledge of how to design enterprise ...

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We're writing this book because many have found learning Haskell to be difficult and it doesn't have to be. Learning Haskell from the ground up is easier and works better - for both experienced hackers and people new to programming. The language is different enough from any you might've already tried that building up from the foundations will be less difficult and more enjoyable.

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