Beginning Haskell: A Project-Based Approach

Von Alejandro Serrano Mena
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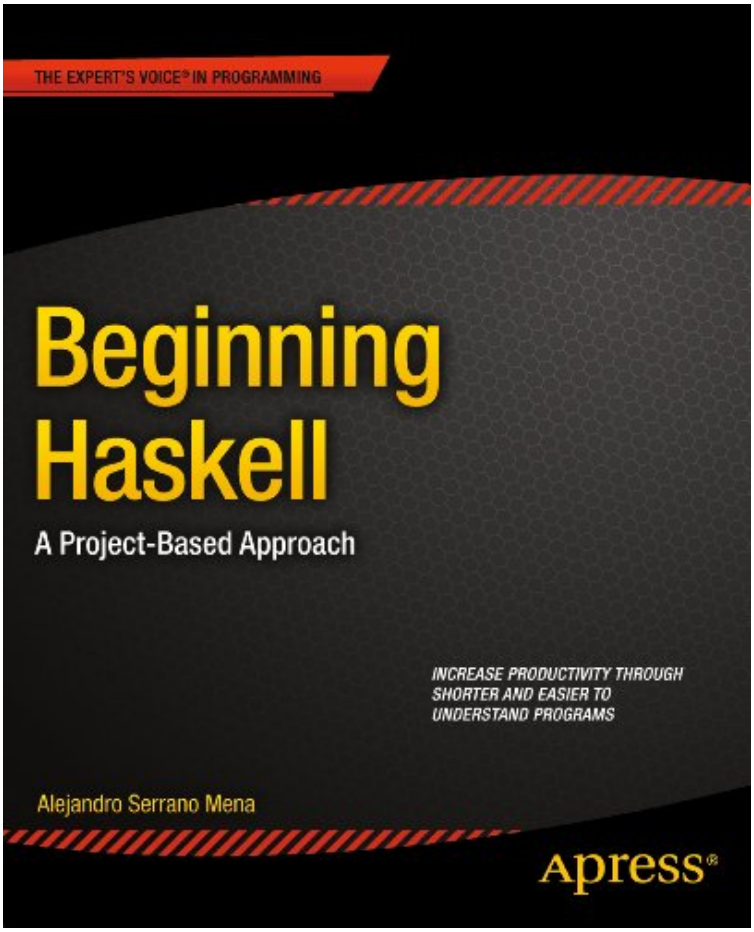

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Von Alejandro Serrano Mena : Beginning Haskell: A Project-Based Approach before purchasing it in order to gage whether or not it would be worth my time, and all praised Beginning Haskell: A Project-Based Approach:

KundenrezensionenHilfreichste Kundenrezensionen1 von 1 Kunden fanden die folgende Rezension hilfreich. Nice material, but somewhat poorly set typographicallyVon GBHello everyone,I've enjoyed reading the book - the scope of this Haskell book goes definitely beyond ``beginner's''. The book deals with many aspects of the language, from the basics of the type Haskell type system, lazy evaluation etc. up to fairly modern description of the current day language plus - standard Haskell libraries, - parallel and concurrent programming, - lenses, - parsers, - web servers, - profiling of Haskell programs - and even compilation from Haskell to Javascript.Definitely a good book for beginners, but would be even more useful as a second book.One real drawback is the typesetting. The lines are way too long, the page in contrast has margins that are way too shallow, so the text occupies a more-than-optimal space on the page. Another typesetting problem is that the right margin of the text is ``torn'', since the lines of the text are not justified to occupy the whole line width. Looks a little bit like a home-made Word document.Another thing which I think is fairly minor

is the ``project-based approach''. The book is describes a project of implementing a kind of web-based store. Since set in this relatively tight frame, some examples of coding techiniques appeared to me far-fetched. Maybe relaxing the setup a little bit would give more freedom in choosing the motivation for code snippets. For example, the State Monad is applied directly to a fairly involved calculation of the K-Means algorithm without giving a couple of simple example to introduce getting and setting states.0 von 0 Kunden fanden die folgende Rezension hilfreich. Best Haskell BookVon Hans SchmidThis is by far the best Haskell book for practitioners! I think it could be used by beginners too. But reading the other comments I'm not so sure it will apply to everyone.

KurzbeschreibungBeginning Haskell provides a broad-based introduction to the Haskell language, its libraries and environment, and to the functional programming paradigm that is fast growing in importance in the software industry. The book takes a project-based approach to learning the language that is unified around the building of a web-based storefront. Excellent coverage is given to the Haskell ecosystem and supporting tools. These include the Cabal build tool for managing projects and modules, the HUnit and QuickCheck tools for software testing, the Scotty framework for developing web applications, Persistent and Esqueleto for database access, and also parallel and distributed programming libraries. Functional programming is gathering momentum, allowing programmers to express themselves in a more concise way, reducing boilerplate and increasing the safety of code. Indeed, mainstream languages such as C# and Java are adopting features from functional programming, and from languages implementing that paradigm. Haskell is an elegant and noise-free pure functional language with a long history, having a huge number of library contributors and an active community. This makes Haskell the best tool for both learning and applying functional programming, and Beginning Haskell the perfect book to show off the language and what it can do. Takes you through a series of projects showing the different parts of the language. Provides an overview of the most important libraries and tools in the Haskell ecosystem. Teaches you how to apply functional patterns in real-world scenarios. What youll learnBuild small and large projects using the Haskell language. Profit from ecosystem tools such as Cabal, HLint, and QuickCheck. Implement efficient stream I/O via libraries like Conduit. Parallelize code to run on multiple processors or distributed across a network. Create domain-specific languages useable by business users, and to tackle specific problem domains. Build Haskell-backed websites using database and web-application libraries such as Persistent, Esqueleto, and ScottyWho this book is forBeginning Haskell is for programmers new to functional programming, who want to learn this new paradigm and how it can improve the quality of their code. Beginning Haskell is also a great choice for functional programmers wanting to get a taste of the Haskell ecosystem and its unique features, or who wish to learn about advanced type system features and patterns.KurzbeschreibungBeginning Haskell provides a broad-based introduction to the Haskell language, its libraries and environment, and to the functional programming paradigm that is fast growing in importance in the software industry. The book takes a project-based approach to learning the language that is unified around the building of a web-based storefront. 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Beginning Haskell is also a great choice for functional programmers wanting to get a taste of the Haskell ecosystem and its unique features, or who wish to learn about advanced type system features and patterns.ber den Autor und weitere MitwirkendeAlejandro Serrano Mena is working towards his PhD thesis inthe Software Technology group in Utrecht University. He is passionate forfunctional programming, and has been coding Haskell for personal andprofessional projects for more than five years. During his college years he wasactive in an association promoting functional languages among students, givingtalks and helping programmers get started in the functional paradigm. In 2011he took part in the Google Summer of Code program,

enhancing the Haskellplug-in for the popular development environment Eclipse. His current positioninvolves research for enhancing the way in which developers get feedback andinteract with strong type systems such as Haskell's.