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# Programmer Passport: Elixir

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The Pragmatic Bookshelf

Raleigh, North Carolina

# Programmer Passport

## Elixir



Bruce A. Tate

*Edited by Jacquelyn Carter*



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Bruce Tate

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CEO: Dave Rankin

COO: Janet Furlow

Managing Editor: Tammy Coron

Development Editor: Jacquelyn Carter

Copy Editor: Corina Lebegioara

Founders: Andy Hunt and Dave Thomas

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ISBN-13: 978-1-68050-962-5

Encoded using the finest acid-free high-entropy binary digits.

Book version: P1.0—May 2022

# Preface

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Since its release in 2011, Elixir has grown to be one of the leading functional programming languages in the world. Many industry trends have contributed to this, especially in areas where this budding language is strong. Insatiable demand for computers with more cores is pushing programming languages toward better concurrency support, and Elixir has a particularly good story here. Explosive growth in the Internet of Things has created a demand for Elixir's many frameworks for managing, networking, and measuring hardware. A push for more interactive web systems is driving demand for web programming tools like Elixir's Phoenix. These developments led Groxio to publish a series of Elixir videos, projects, and this book.

You might wonder whether the world needs yet another Elixir book. It's a good question. [Programming Elixir 1.6 \[Tho18\]](#) by Dave Thomas provides a great introduction to Elixir for intermediate programmers. [Learn Functional Programming with Elixir \[Alm18\]](#) by Ulisses Almeida offers a good Elixir overview for those learning functional programming. This book is neither as comprehensive as Dave's book, nor as focused as Ulisses's. We think those books are better places to learn Elixir.

Still, we think there's a place for this book.

If you think of a book as a travel guide, this book provides quick day trips that many travelers miss. We'll focus on several blind spots that beginning and intermediate Elixir developers encounter. We'll walk you through how to explore types in IEx and when to use Elixir's primitive data types. We'll unlock sigils and show you how macros work. Together, we'll build a mix task.

If this doesn't sound like what you're looking for, that's OK. Pick up another book. If it sounds interesting to you, read on. If you find it particularly useful, you might like it well enough to take the plunge and become a full Groxio

subscriber.<sup>1</sup> Regardless, enjoy this quick guide through this fascinating language!

**Bruce Tate**

May 2022

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1. <https://grox.io>