A New Way to Program

Particle Notation, Scroll, and Parsers Explained

Includes Illustrations, Exercises and Challenges

Covers Pragmatics And Philosophies

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Chapters

Chapter Examples

1. Build an eBook
2. Build a website
3. Build a traffic simulator
4. Build a JSON <> Scroll converter
5. Build a digital newspaper
6. Build a data dashboard
7. Build a survey
8. Build a logistics workflow language
9. Build a machine code compiler
10. Build a tax preparation engine
11. Build a digital flight deck for the 787
12. Build a knowledge base
13. Build a neural network
14. Build a GPU

A Letter from the Author

You may know me as the creator of PLDB (a Programming Language DataBase), earth's largest database on Programming Languages, and find it relevant that I have personally studied and reviewed information on over 5,000 programming languages - nearly 100% of all publicly used languages.

What you might not know is that I also have a peer-reviewed track record in genomics and multi-omics, and that Parsers, the language I designed and teach you in this book, is built not on the patterns I found in programming languages, but instead built on the patterns nature evolved that I studied in microbiology.

This is why Parsers will be unlike any language you have used before. You will be able to build any advanced program you could build using a traditional language, but the path to that solution may be very different. Once you've mastered Parsers, I expect you will be astonished at how much you can do with so little.

Parsers is the dawn of a new paradigm shift in programming, and my job is to provide you with the truest, clearest, most concise information I have gathered over the past two decades so you can take this technology and build a better future for us all.

Thank you for choosing to invest your time in my little book. I hope you get immense value out of it, and if you don't, or hit parts that you find weak, I'd appreciate you letting me know so I can fix it.

Mahalo and Godspeed.

-Breck

Honolulu, Hawai'i

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About the Author

Breck Yunits is a father, computer scientist, and biomedical researcher who lives on Oahu. He is the founder of PLDB.io and creator of the Scroll Language. Previously he was senior software engineer at Our World in Data out of Oxford, cancer researcher at the University of Hawai'i Cancer Center, and software engineer at Microsoft. His previous startup Nudgepad, was acquired by Microsoft in 2014. He has angel invested in over 50 startups and is a two time alumni of YCombinator. He has written code for dozens of companies including Microsoft, Google, PayPal, Visa and HP. He has advised hundreds of startups including AirBedAndBreakfast (now known as Airbnb) and /dev/finance (now known as Stripe). He graduated with a Bachelor of Science degree in Economics from Duke University in 2007. He was born in Brockton, Massachusetts.