Reading

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Contents

1   Introductions

- Clojure for Java Programmers Part 1 - Rich Hickey

- Expert to Expert: Rich Hickey and Brian Beckman - Inside Clojure

2   Clojure

- Clojure Style Guide

- Simple Made Easy

- The Value of Values with Rich Hickey

- Clojure Made Simple

2.1   Books

- Clojure For The Brave And True

- Elements Of Clojure - Zach Tellman

3   System Design

- The Language of the System - Rich Hickey

3.1   Component

- Stuart Sierra - Components Just Enough Structure

- Anthony Marcar - Clojure At Scale @WalmartLabs

4   Concurrency

- Clojure Concurrency - Rich Hickey

- Clojure core.async

- Clojure Concurrency - Purely Functional

5   Types, Schema and Spec

- Maybe Not - Rich Hickey

6   Functional Programming

- Clojure Design Patterns

- Functional Design Patterns - Scott Wlaschin

- The Functional Programmer's Toolkit - Scott Wlaschin

7   Lisp

- Beating The Averages - Paul Graham

8   Testing

- Structure and Interpretation of Test Cases - Kevlin Henney

9   Practices

- ITT 2016 - Kevlin Henney - Seven Ineffective Coding Habits of Many Programmers

10   Philosophy

- Simple Made Easy - Rich Hickey

- The Value of Values with Rich Hickey

- Maybe Not - Rich Hickey

- Effective Programs - 10 Years of Clojure - Rich Hickey

- GOTO 2016 • Small Is Beautiful • Kevlin Henney

- GOTO 2018 • Old Is the New New • Kevlin Henney

- Software Art Thou: Kevlin Henney - What Do You Mean

- Agility != Speed - Kevlin Henney

- Four Languages from Forty Years Ago - Scott Wlaschin

- William Byrd on "The Most Beautiful Program Ever Written"

- Programming Should Eat Itself - Nada Amin

11 Structure And Interpretation Of Computer Programs

11.1 MIT Video Lectures

- Lecture 1A: Overview and Introduction to Lisp

11.2 Course Website

- Structure and Interpretation of Computer Programs

11.3 Book Remasters

- pdf version

- epub version

- html version

12 Academic Work

12.1 Armstrong Thesis (2003)

Armstrong Thesis
    Making reliable distributed systems in the presence of sodware errors

12.2 CSP Hoare 1978

Communicating Sequential Processes

12.3 Recursive Functions Of Symbolic Expressions (McCarthy 1960)

Recursive Functions of Symbolic Expressions and Their Computation by Machine, Part I