

Clojure

For The Rest of Us

Rob Stevenson
@webpoobah

[space]

[small earth/big galaxy]

[NASA Logo]

[Now Hiring]

[Armageddon]

FIND ALL THE THINGS

Scientific Inaccuracies

168

Clojure

Is it worth my time and energy?

Yes.

Thanks for coming!

@webpoobah

github.com/robertstevenson

Clojure

Is it worth my time and energy?

[Elevator]

Thursday, October 10, 13

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For the past several years, I've been very interested in Clojure, but could never find anyone who could give me a convincing "Elevator Speech" on why I should learn/use it. I've talked to some very smart and Clojure knowledgeable people, but they could never seal the deal.

[Elevator Broken]

Thursday, October 10, 13

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[Bumpy Road]

[Hipster Sherpa]

Objectives

No FUD
Yes Knowledge

Clojure is “The Last Programming Language”

“The Last Programming Language”

[JavaScript]
JavaScript

This talk/video really piqued my interest since I believe that Uncle Bob has a point.

I want you to watch this video, but SPOILER ALERT ... The answer is ...

“The Last Programming Language”

[JavaScript]
JavaScript

[cockroach] -- [mushroom cloud]

“The Last Programming Language”

[Clojure]

Again, Uncle Bob does a great job walking you through his thought process until he’s chosen Clojure ... It’s definitely worth \$2 in my opinion!

[1958 pictures]

Lisp is old. In the programming world, if it's worth anything it'll stick around. 55 years though? Crazy.

It's Simple.

Simple Made Easy

Rich Hickey

[Strange Loop logo]

Rich is concerned that we have a culture of complexity. That when programmers are given a task, they race ahead and write masses of tangled code, using “easy” frameworks and tools, without giving the problem due thought. That we confuse easiness, with simplicity. (e.g. Rails is easy, it is not simple.)

[Phone before iPhone]

[iPhone 5s]

Simplicity == Beauty

[two big parens]

Transition to
[smily]

Java

```
person.getAddress().getZipcode()
```

Clojure

```
(.. person getAddress getZipcode)
```

Parens Count

[Count]

Java	<code>()()</code>
Clojure	<code>()</code>

“Object-Oriented programming makes code understandable by encapsulating moving parts. Functional programming makes code understandable by minimizing moving parts.”
- Michael Feathers

That “F” Word