



Learning 5 JVM Languages in the Next 5 Years





The Pragmatic Programmer



from journeyman
to master

Andrew Hunt
David Thomas

Foreword by Ward Cunningham

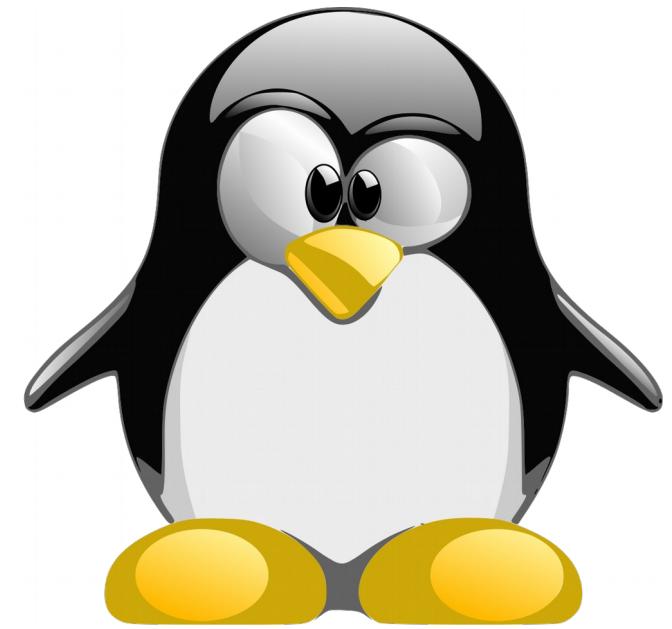
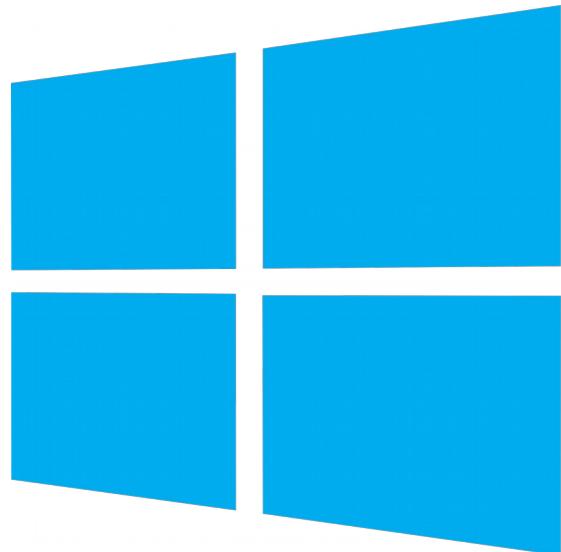
Reasons to Learn



Reason #1

Reason #2

Reason #2



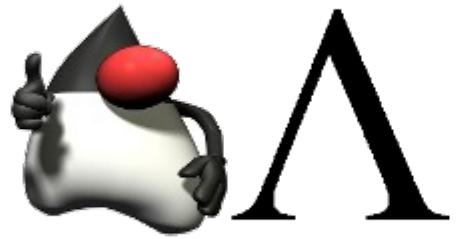
Reason #3



Reason #4



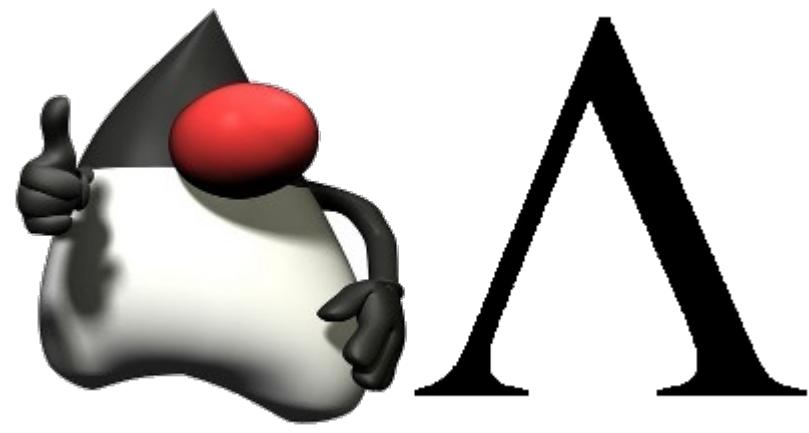
Reason #5

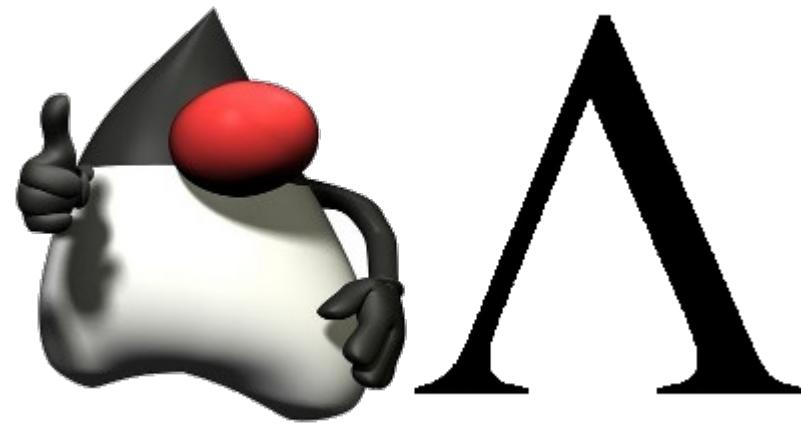


REPL

Lambdas







Predicates & Functions

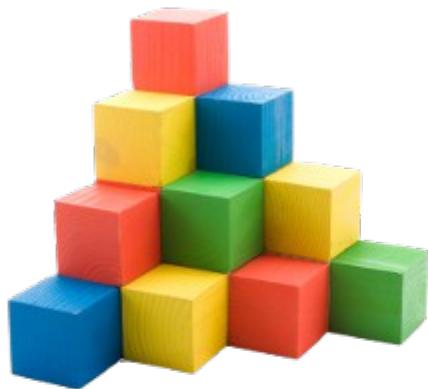
About Java 8 Lambdas

A functional interface is any interface that contains only one abstract method. (A functional interface may contain one or more default methods or static methods.) Because a functional interface contains only one abstract method, you can omit the name of that method when you implement it.

* Methods inherited or overridden from `java.lang.Object` do not count

Groovy



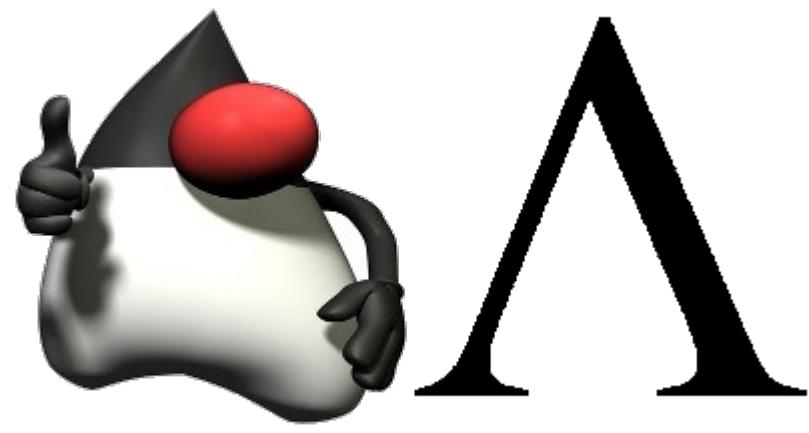


A





Collections



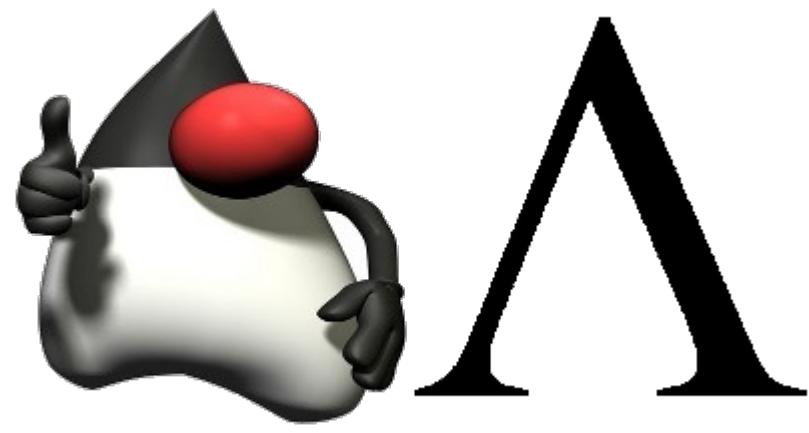
Groovy







**Classes,
Methods, &
Member
Variables**



Groovy







Apps & Libraries













Groovy



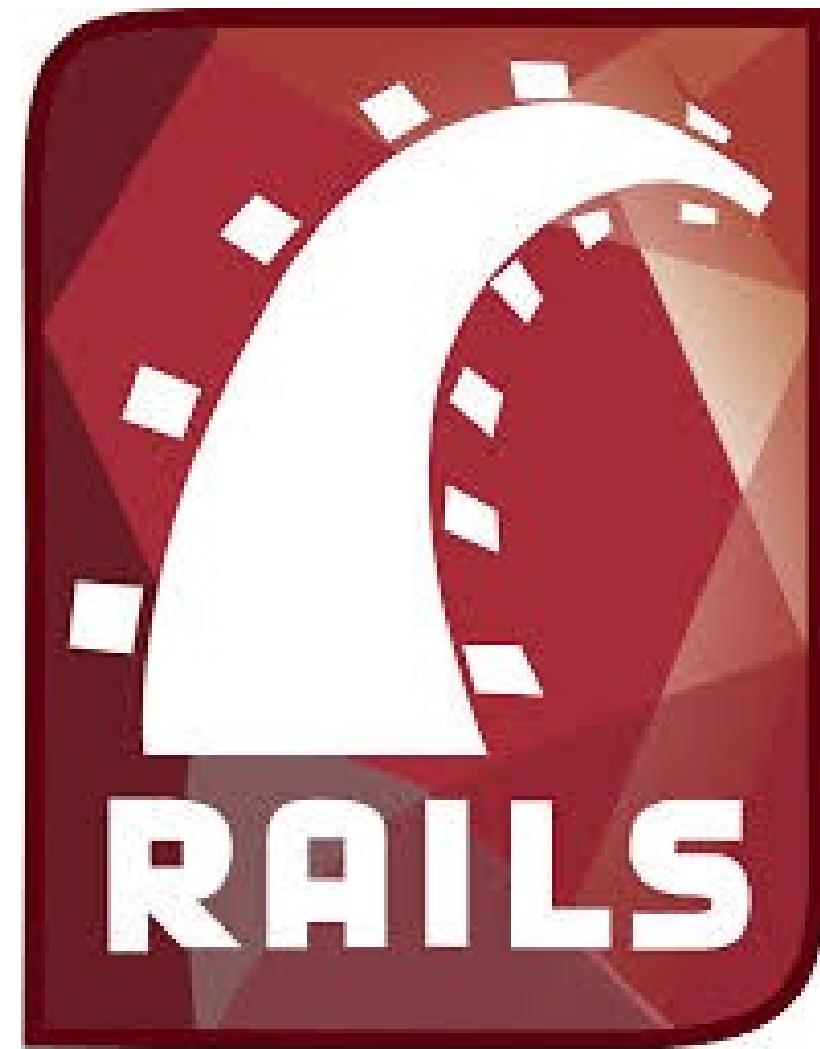














`ruby / rake`

Cucumber





CHEFTM

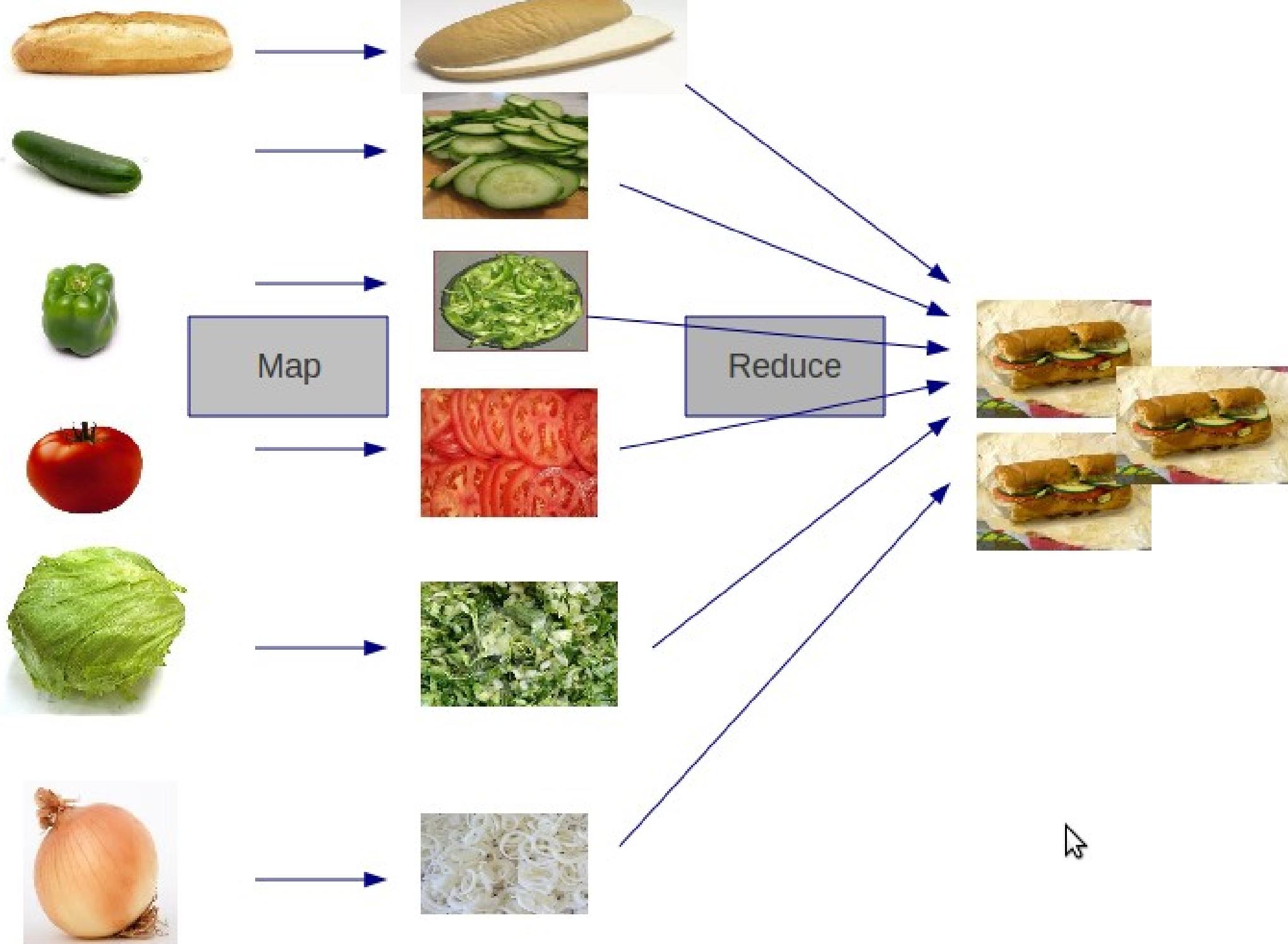






akka











Datomic



The Future of JVM Development

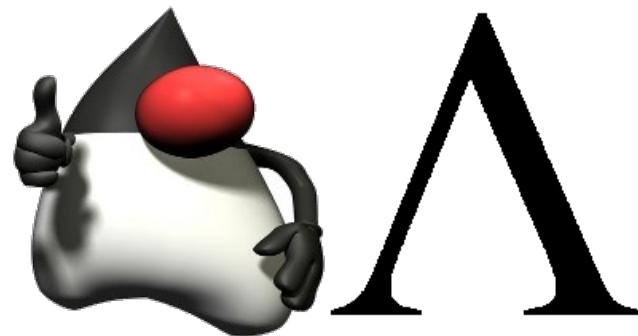
In the future, a great JVM programmer will be using something from all 5 of these languages

Learning

Lowest Learning Curve Languages



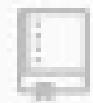
Higher Learning Languages



15. OA OB OC OD
16. OA OB OC OD
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25. OA OB OC OD







clojure / test.generative





Code snippets to do useful things for 11 languages: C, C++, Groovy, Ruby, Java, Scala, Python, Haskell, Javascript, Lisp, Clojure — [Edit](#)

205 commits

1 branch

0 releases

1 contributor



branch: master ▾

[language-matrix](#) / +



added Writer Monad example

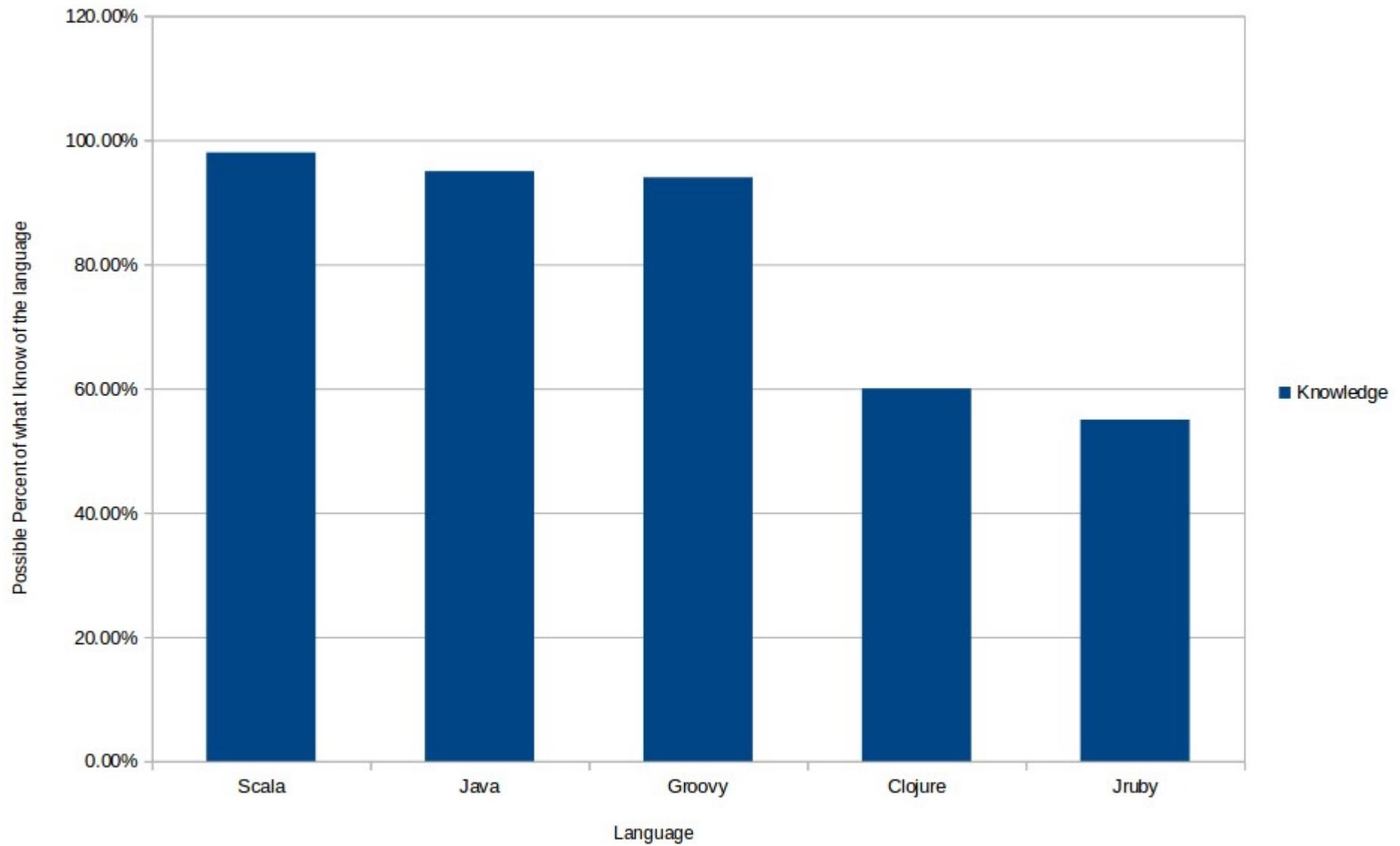


dhinojosa authored 11 days ago

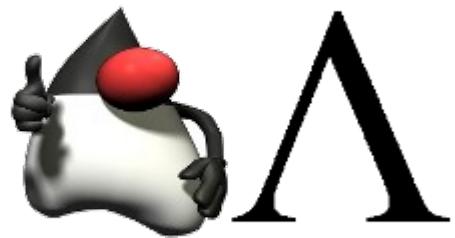
latest commit [6c64ba84e0](#)

c	removed old readme	a year ago
clojure	refactored protocols (got rid of get since it was redundant)	16 days ago
cpp	added .gitignore to cpp	5 months ago
groovy	Added a space in Classes.groovy, going to try something.	a year ago
haskell	added Writer Monad example	11 days ago
java	changed .gitignore to ignore all .class files	4 months ago
javascript	Changed README for javascript arrays	a year ago
lisp/1_hello_world	added lisp example	2 years ago
python	added classes.py to python	a year ago
ruby	added blocks module	10 months ago
scala	changed comment format	10 months ago
.gitignore	added haskell compiled files and objects to .gitignore	a year ago
README.md	added java hello world	2 years ago

My Personal Knowledge of Each JVM Language



Culture of?



I ❤



Scala



Thank You....



<https://github.com/dhinojosa/fivelanguages>



<https://twitter.com/dhinojosa>



<http://gplus.to/dhinojosa>



<http://www.linkedin.com/in/dhevolutionnext>