

# Groovy Fundamentals

Getting Started with Groovy

Jeremy Jarrell

[www.jeremyjarrell.com](http://www.jeremyjarrell.com)

jeremy@jeremyjarrell.com



**pluralsight**   
hardcore developer training

# Getting Started with Groovy

- Java is more than a language

# Getting Started with Groovy

- Java is more than a language
- Why Groovy

# Getting Started with Groovy

- Java is more than a language
- Why Groovy
- Installing Groovy

# Getting Started with Groovy

- Java is more than a language
- Why Groovy
- Installing Groovy
- Working in the Groovy environment

# **Java, More than Just a Language**

- **Java has become ubiquitous**

# **Java, More than Just a Language**

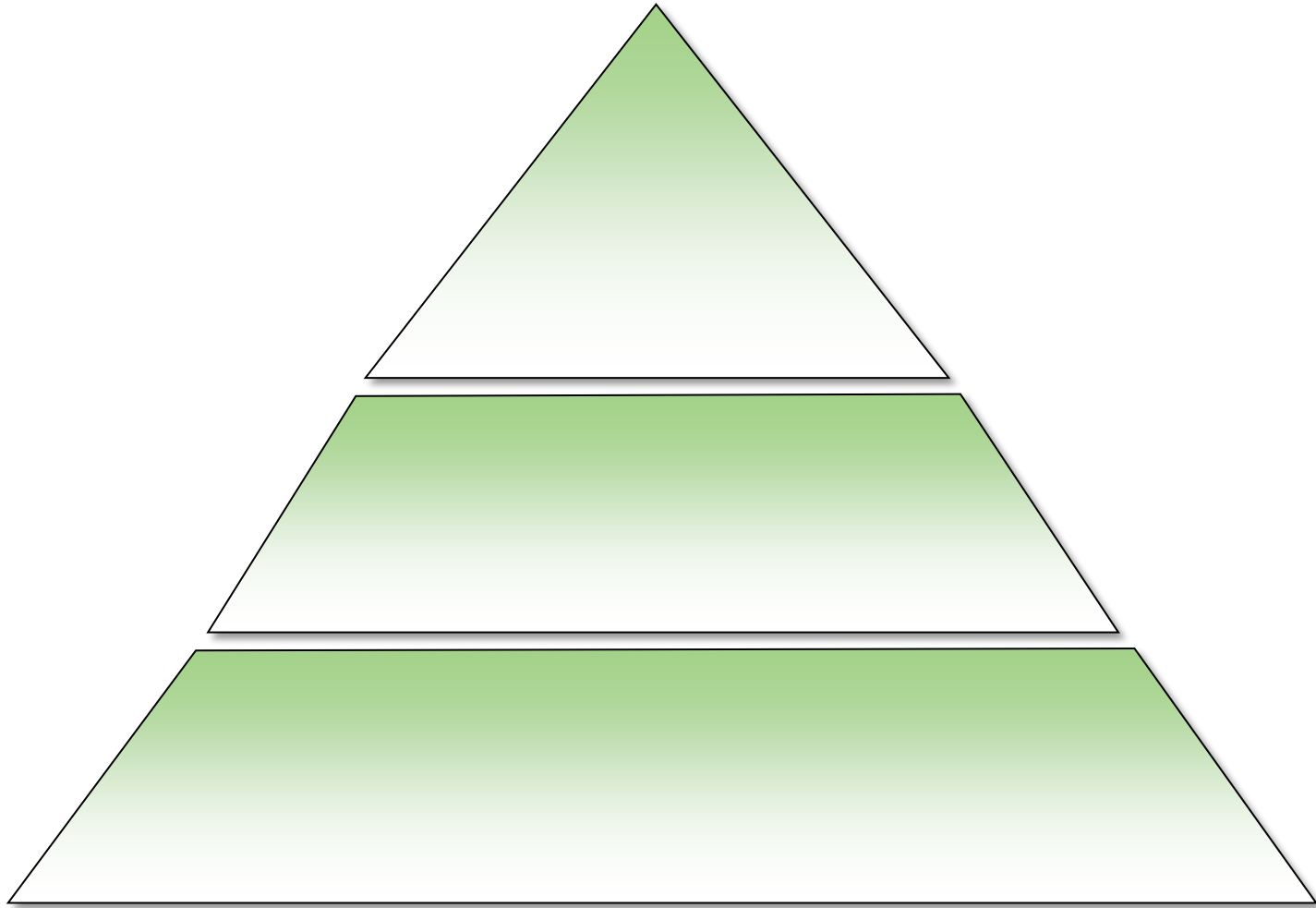
- **Java has become ubiquitous**
- **Slow evolution of the Java language**

# **Java, More than Just a Language**


- **Java has become ubiquitous**
- **Slow evolution of the Java language**
- **Much innovation in alternative languages for the JVM**



# The Polyglot Programmer

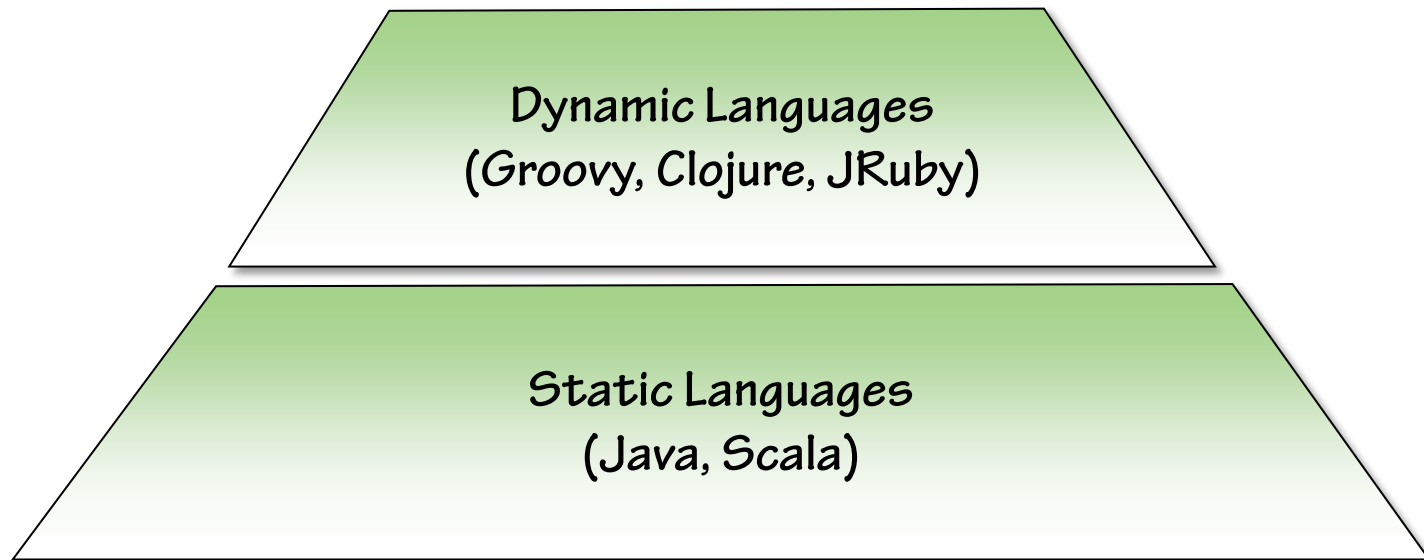


# The Polyglot Programmer

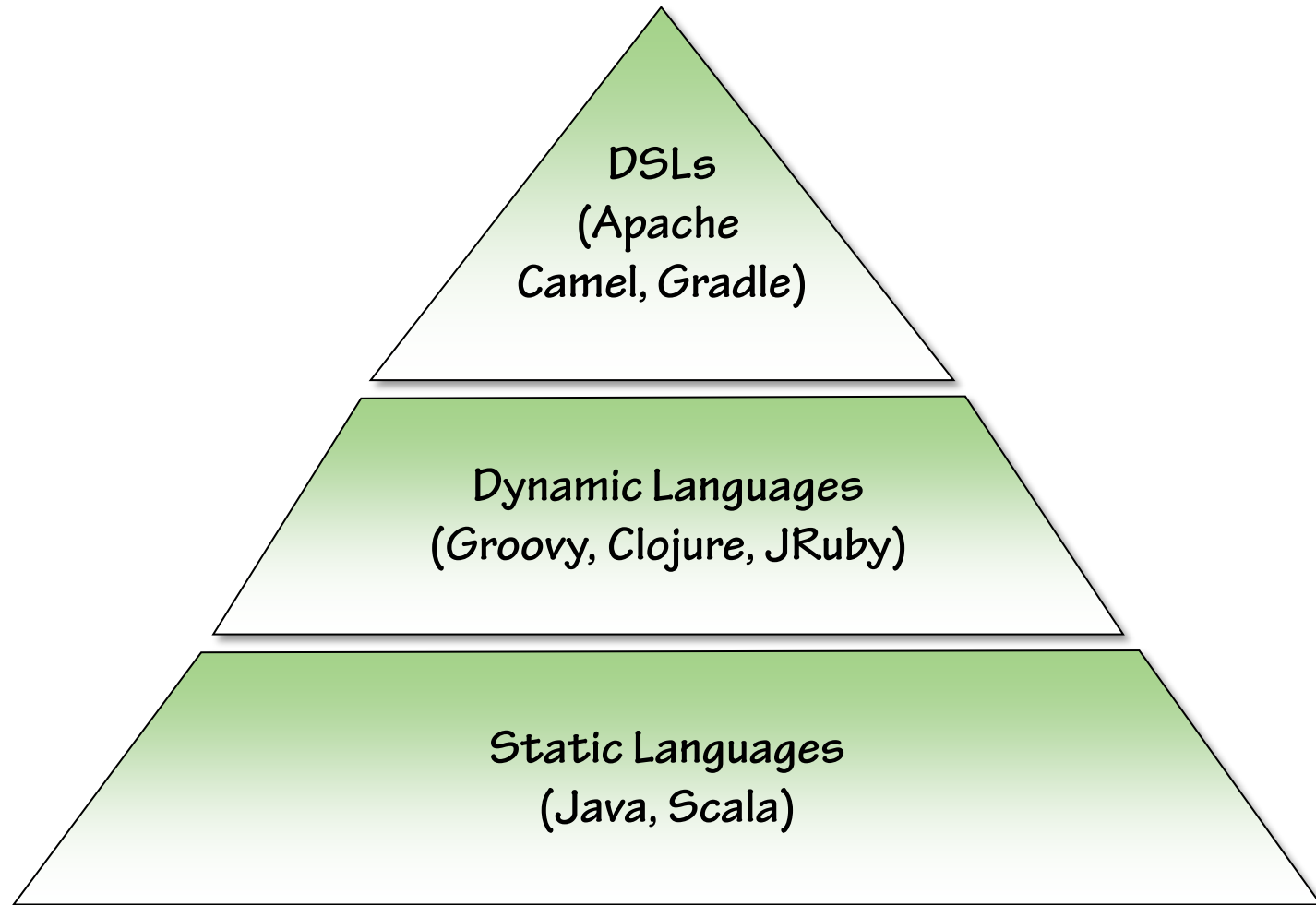


Static Languages  
(Java, Scala)

# The Polyglot Programmer



# The Polyglot Programmer



# Why Groovy?

- Most Java syntax is legal Groovy syntax

# Why Groovy?

- Most Java syntax is legal Groovy syntax
- Groovy leverages existing Java libraries

# Why Groovy?

- Most Java syntax is legal Groovy syntax
- Groovy leverages existing Java libraries
- Groovy objects extend the `java.lang.Object`

# Summary

- The future of the JVM lies in polyglot programming



# Summary

- The future of the JVM lies in polyglot programming
- Groovy is the most accessible alternative JVM language to Java programmers

# Summary

- The future of the JVM lies in polyglot programming
- Groovy is the most accessible alternative JVM language to Java programmers
- Groovy source code compiles to JVM bytecode

# Summary

- The future of the JVM lies in polyglot programming
- Groovy is the most accessible alternative JVM language to Java programmers
- Groovy source code compiles to JVM bytecode
- Groovy enjoys rich IDE support