

Intro to Groovy

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Is Java dead?



NO !

No

Job\$

No

projects, lines of code

Job\$

No

projects, lines of code

Job\$

Huge players
(Oracle, IBM, Google)

No

projects, lines of code

Job\$

Huge players
(Oracle, IBM, Google)

Android

Garbage collection

Garbage collection

wealth of libraries

Garbage collection

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jars as zip files

Garbage collection

wealth of libraries

jars as zip files

storing strings UTF-8

Java Virtual Machine, not Java (!)

Garbage collection

wealth of libraries

jars as zip files

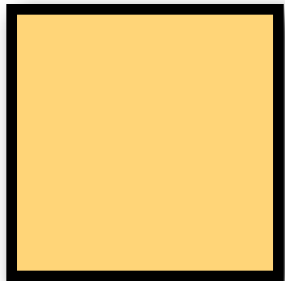
storing strings UTF-8



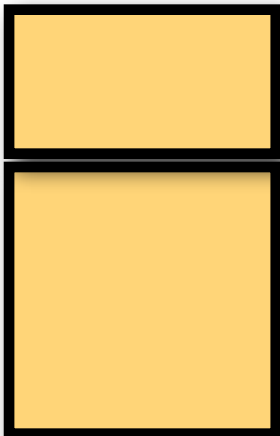
YES !

1996

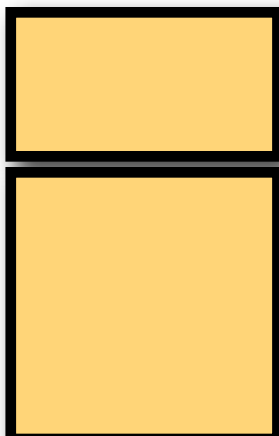
2002



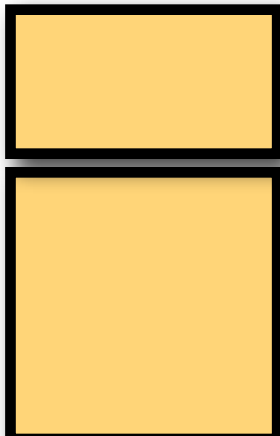
1.1



1.2



1.3

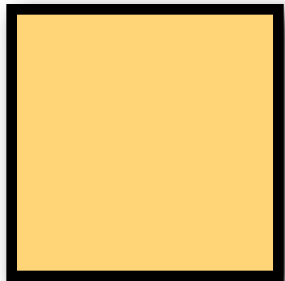


1.4

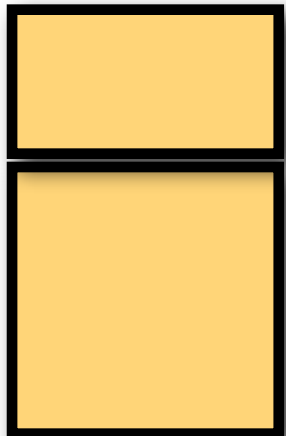
1996

2002

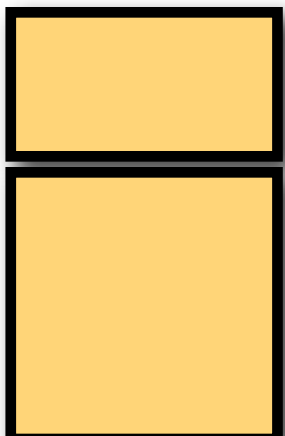
2011



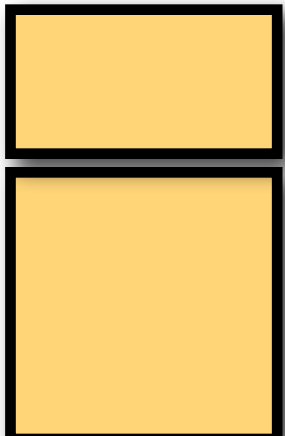
1.1



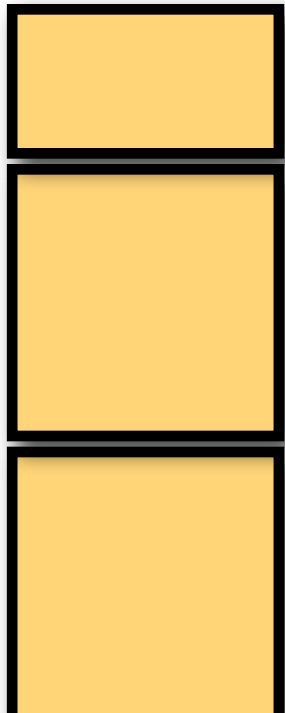
1.2



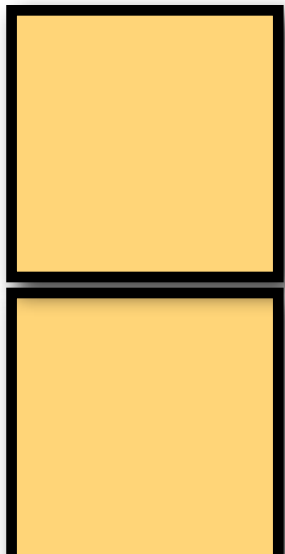
1.3



1.4



1.5



1.6



1.7

Yes.

innovation

Yes.

innovation

features

Yes.

innovation

features

energy

Java

JVM

Scala

jRuby

Groovy

Clojure

Jython

Java

JVM

Groovy in four bullets

- V 1.0 in Jan 2007
- easy learning curve
- dynamically typed
- thriving ecosystem

Groovy in four bullets

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2 minute penalty for 'Blatant Bullets'



Java

iStockPhoto



Groovy

iStockPhoto



the problem with Java

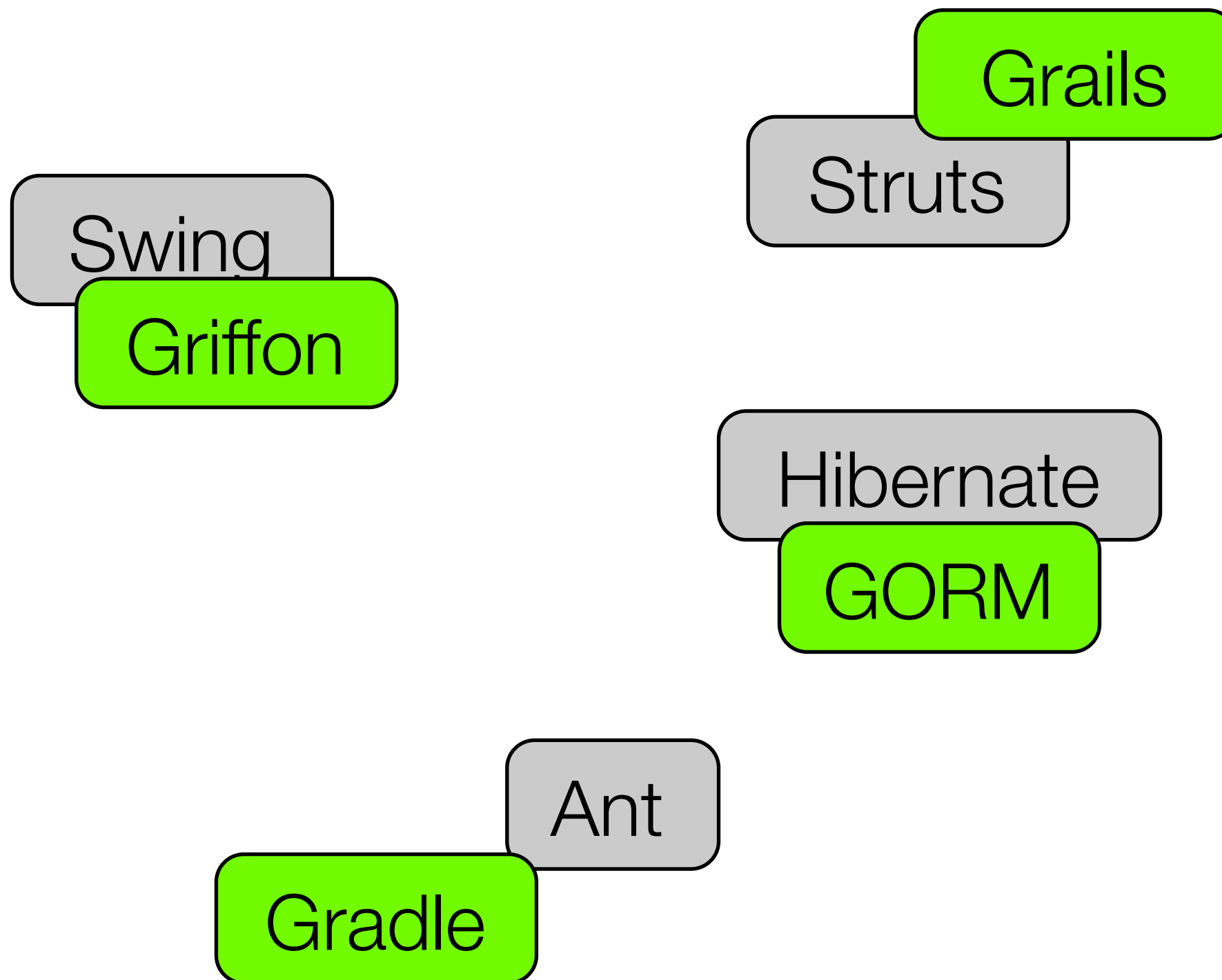
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Swing

Struts

Hibernate

Ant



Counterpoint:

- requires a team-culture that values testing and discipline
- debate over static / dynamic typing for large teams
 - (e.g. FindBugs)

References

- <http://groovy.codehaus.org/>
- “Groovy Recipes” by Scott Davis
- “Programming Groovy” by Venkat Subramaniam
- http://github.com/codetojoy/easter_eggs_for_groovy

Scala

jRuby

Groovy

Clojure

Jython

Java

JVM

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