Java y su ecosistema

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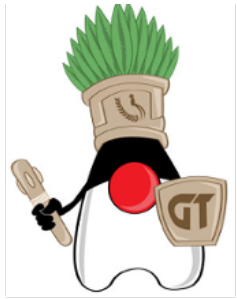

CHAOS

¿Porque Java?

JAVA IS DEAD

Java

Besides the above plot, which can be difficult to parse even at full size, we offer the following numerical rankings. As will be observed, this run produced several ties which are reflected below (they are listed out here alphabetically rather than consolidated as ties because the latter approach led to misunderstandings). Note that this is actually a list of the Top 21 languages, not Top 20, because of said ties.

1 JavaScript
2 Java
3 PHP
4 Python
5 C#
5 C++
5 Ruby
8 CSS
9 C
10 Objective-C

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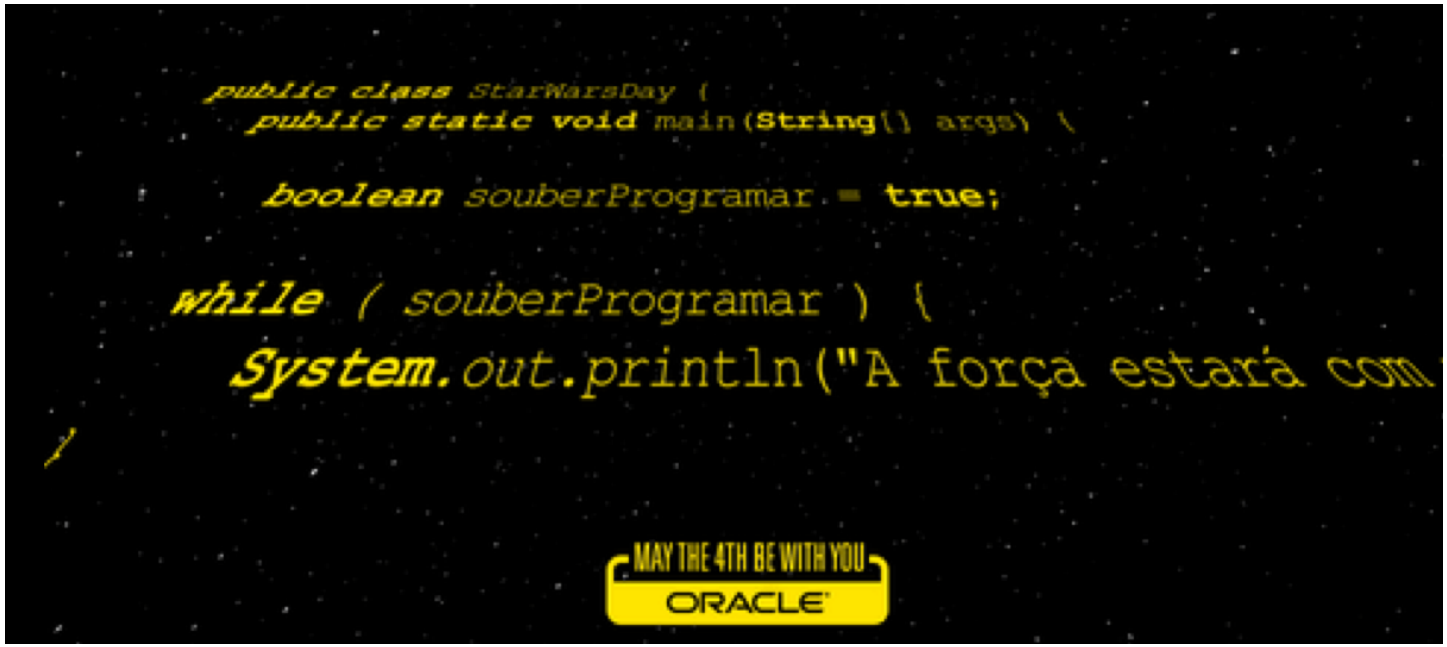
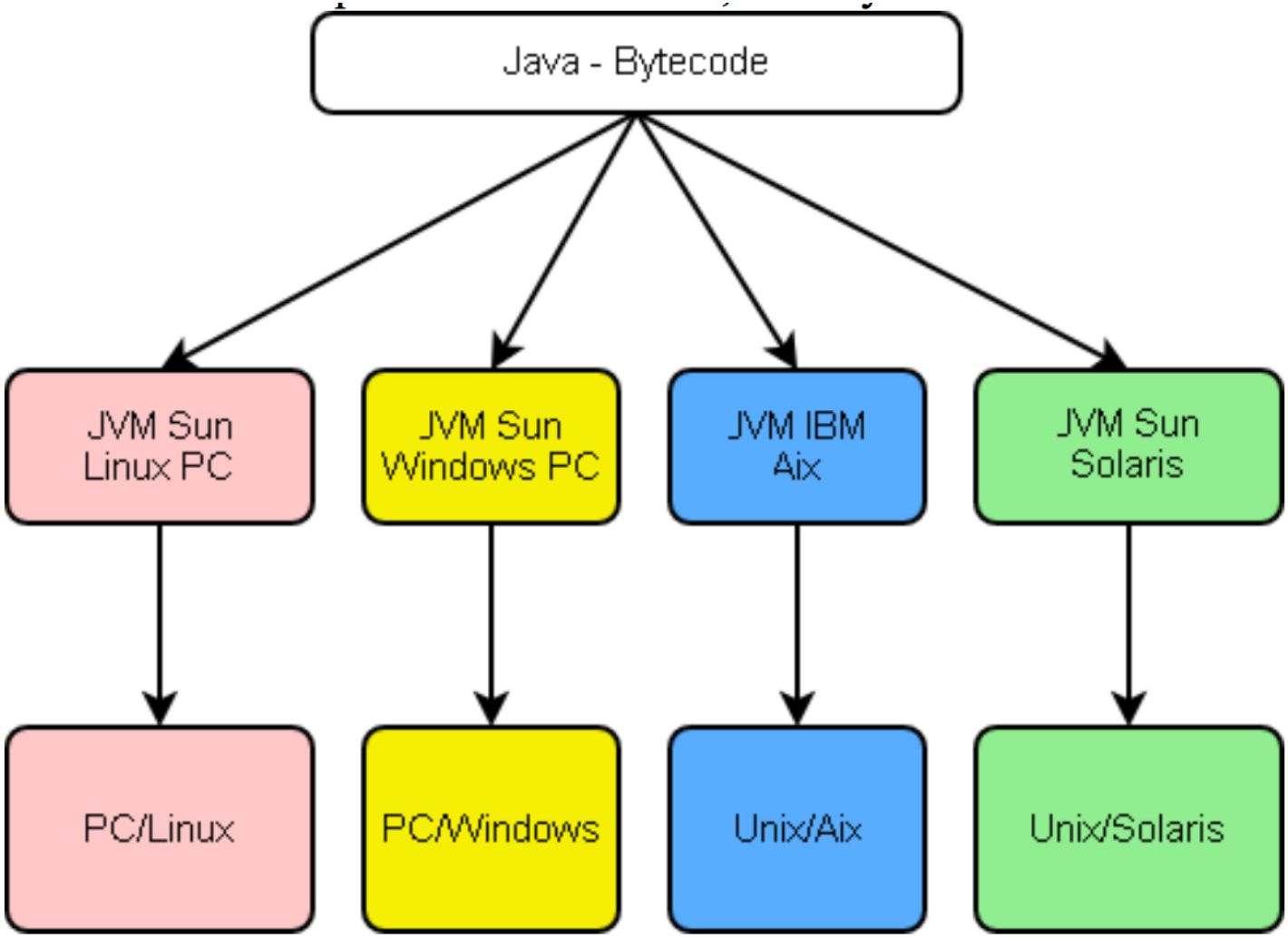
1	1		Java
2	2		C
3	3		C++
4	5	^	C#
5	8	^	Python
6	7	^	PHP
7	6	v	JavaScript
8	12	^^	Perl
9	18	^^	Ruby
10	10		Visual Basic .NET

¿Que es Java?

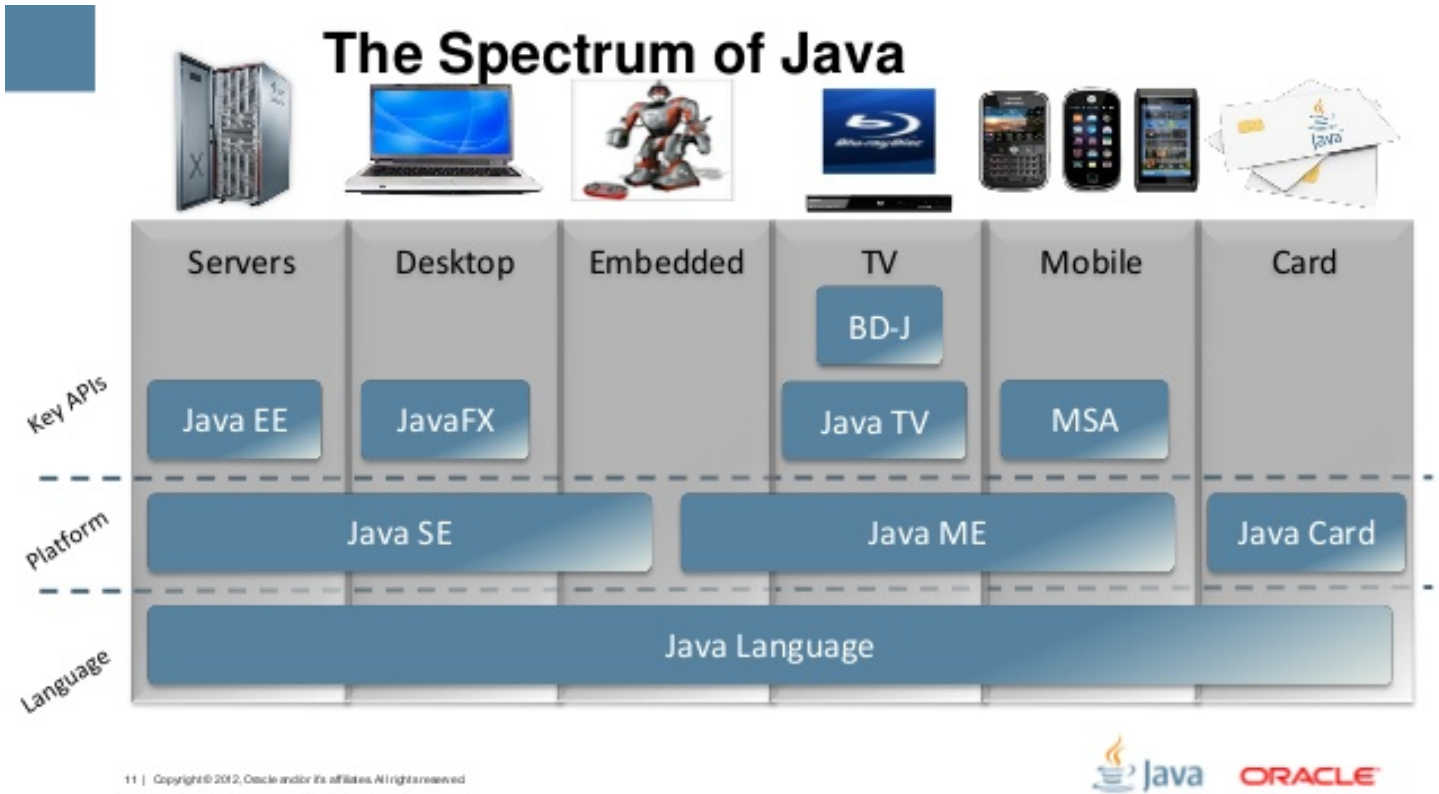
Lenguaje


public class StarWarsDay {
public static void main(String[] args) {
boolean souberProgramar = true;
while (souberProgramar) {
System.out.println("A força estará com
MAY THE 4TH BE WITH YOU
ORACLE

Maquina virtual



Muchas plataformas

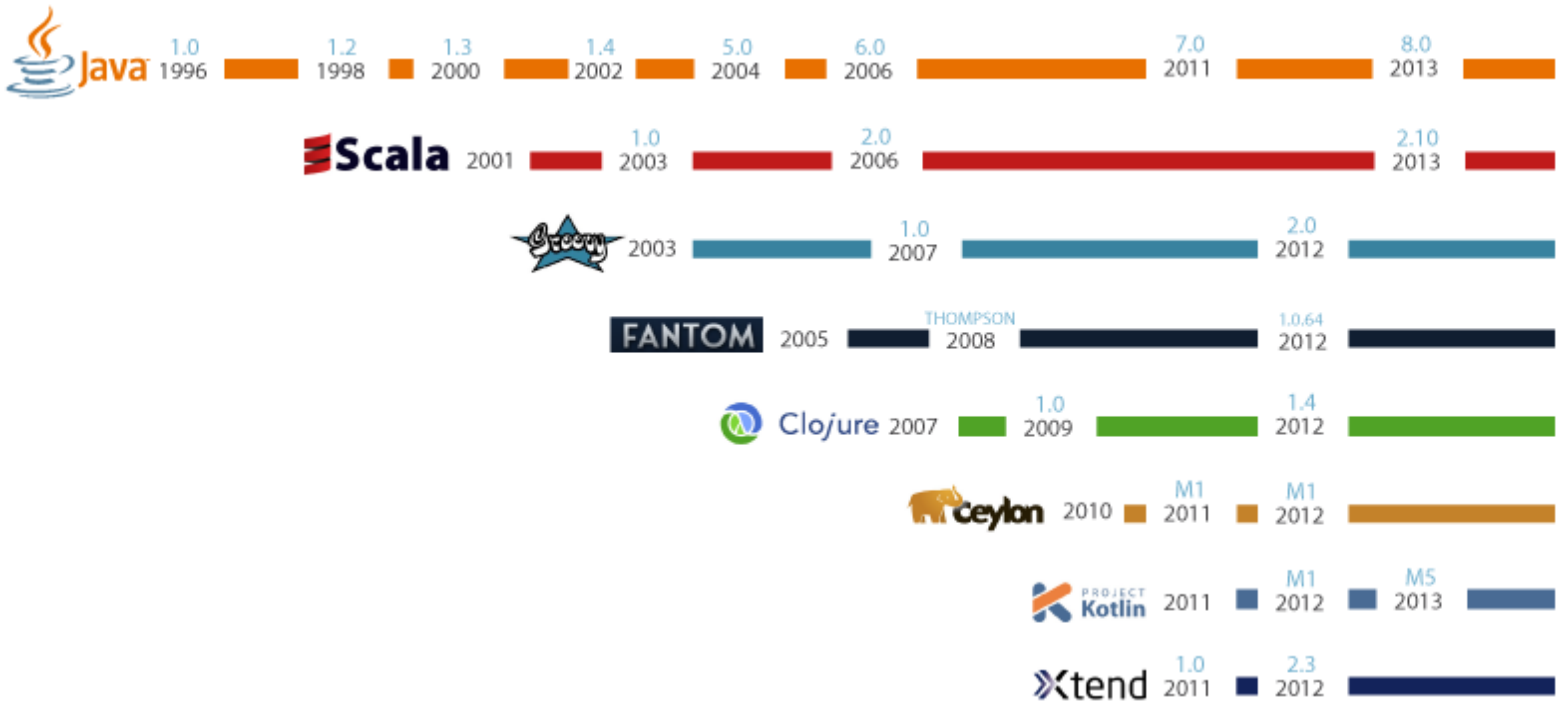


¿Como programar en Java?

Como programar en Java

- Lenguaje
- Objetivo
- Maquina
- Framework
- Herramientas

Lenguaje


Java 1.0 1996 1.2 1998 1.3 2000 1.4 2002 5.0 2004 6.0 2006 7.0 2011 8.0 2013
Scala 2001 1.0 2003 2.0 2006 2.10 2013
2003 1.0 2007 2.0 2012
FANTOM 2005 THOMPSON 2008 1.0.64 2012
Clojure 2007 1.0 2009 1.4 2012
ceylon 2010 M1 2011 M1 2012
PROJECT Kotlin 2011 M1 2012 M5 2013
Xtend 1.0 2011 2.3 2012

Lenguaje

The next JVM language to learn

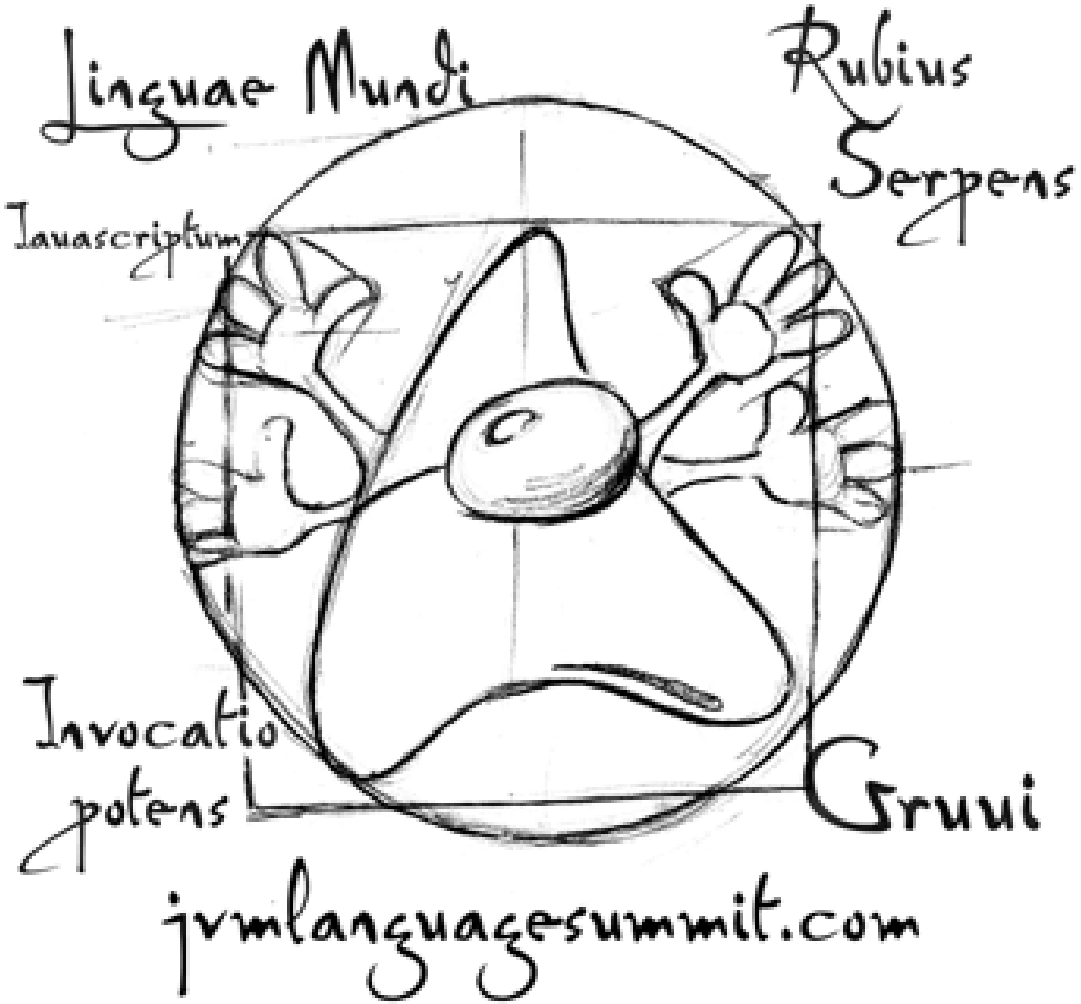
REBELLABS

Objetivo

Objetivo

- Escritorio - JSE
- Web/Enterprise - JEE
- Móvil - JME, Android
- Embarcado - JME

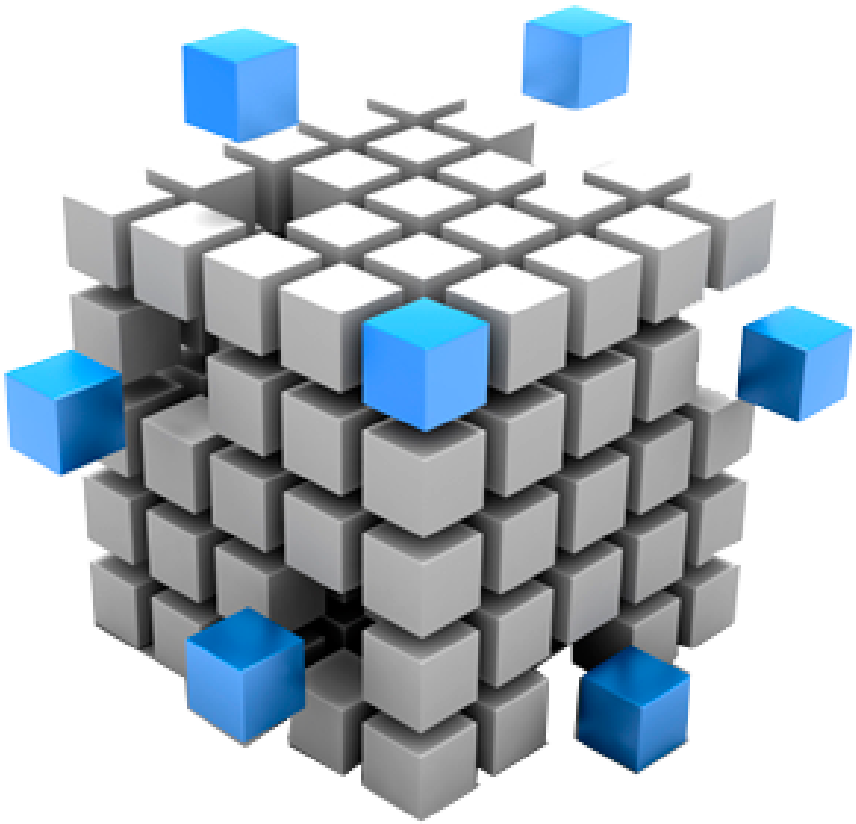
Maquina


Linguae Mundi
Rubius Serpens
Iauascriptum
Invocatio potens
Gruui
jvmlanguagesummit.com

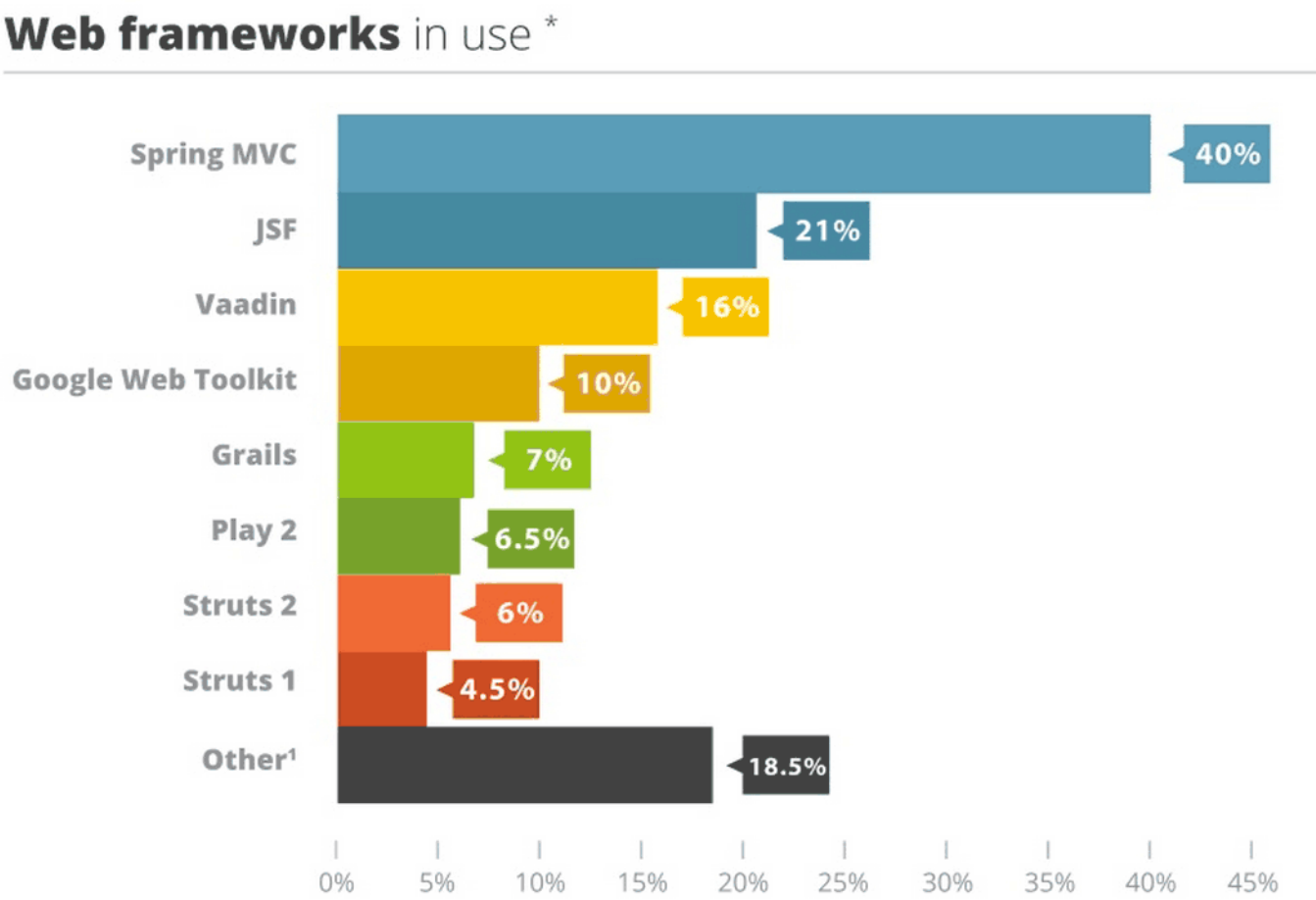
Maquina

- HotSpot(Oracle)
- OpenJDK(Oracle, Red Hat, IBM)
- IcedTea (Red Hat)
- IBM J9
- Zulu (Azul)
- Zing (Azul)
- Java HP-UX
- Excelsior JET

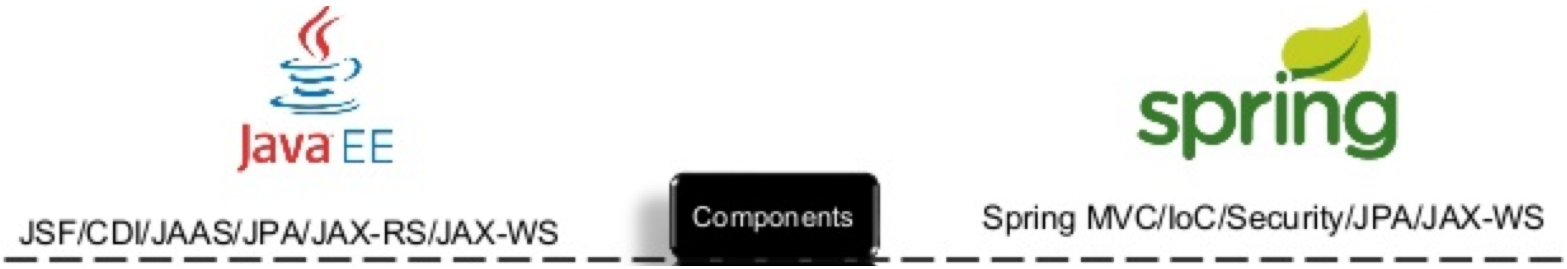
Framework



Framework - Web



Framework - Enterprise



Framework - Ligero

Framework - Embarcado

Framework - Movil

Herramientas

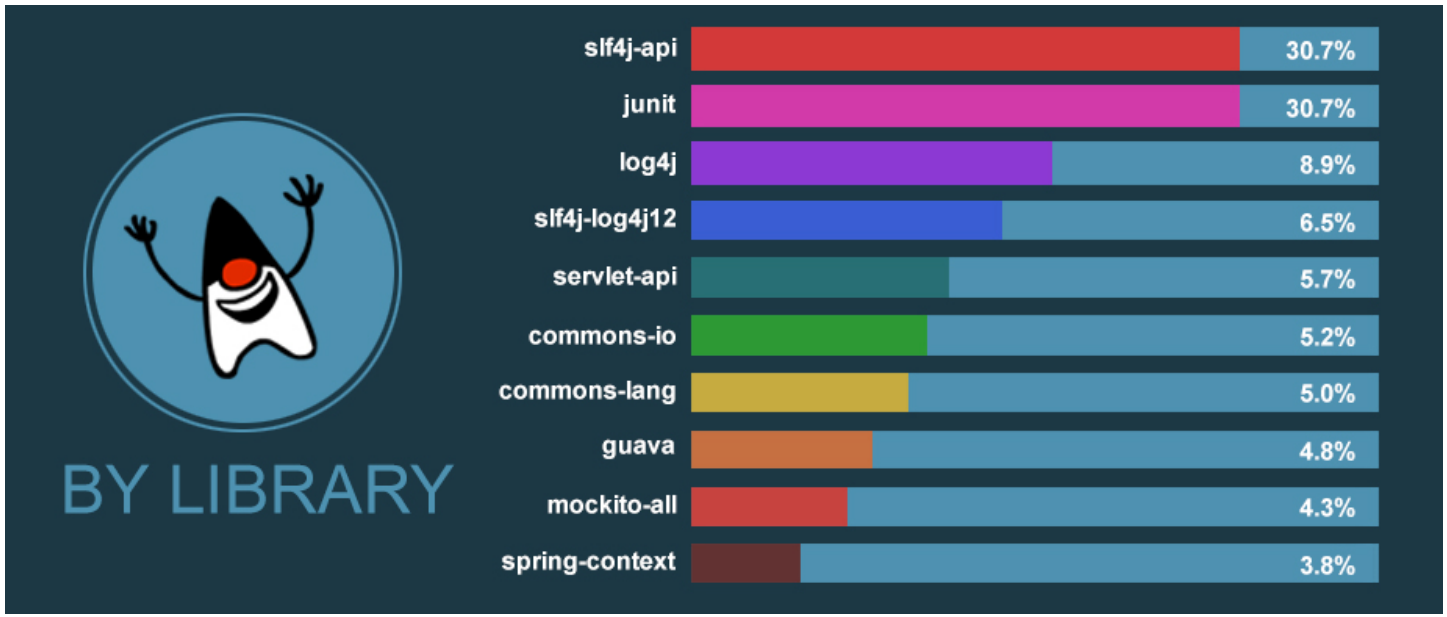
Herramientas

Development Stack

Java is flexible

Language	JRuby	Jython	Rhino JS	Quercus PHP
Web	Servlet	JSP	ZK Ajax	
Web Server	Tomcat	Glassfish	OC4J	
IDE	Netbeans	Eclipse	JDev	Intelli JIdea
Database Connection	JDBC	HIBERNATE	HADOOP	
Runtime	Sun JDK	OpenJDK	Oracle JRockit	Harmony
Operating System	LINUX	MAC	WIN	SOLARIS

Herramientas



Herramientas

Lecturas adicionales

- Java Landscape Report - RebelLabs
- Java Technology concept map

Gracias

- me@vorozco.com
- http://vorozco.com
- http://github.com/tuxtor/slides

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