

Como programar en Java

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Java Day 2016

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- ▶ @tuxtor
- ▶ The J*



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Java



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¿Porque Java?



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JAVA IS DEAD



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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	▼	JavaScript
8	12	▲	Perl
9	18	▲	Ruby
10	10		Visual Basic .NET



¿Qué es Java?



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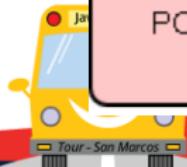
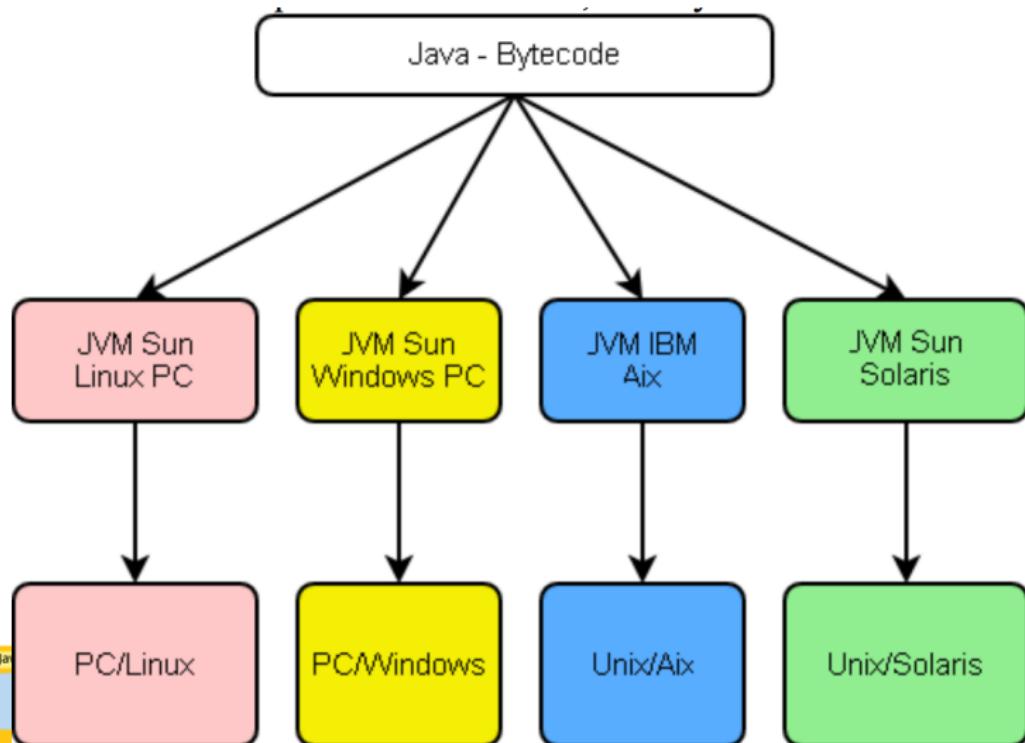
Language

```
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 Java  
}
```

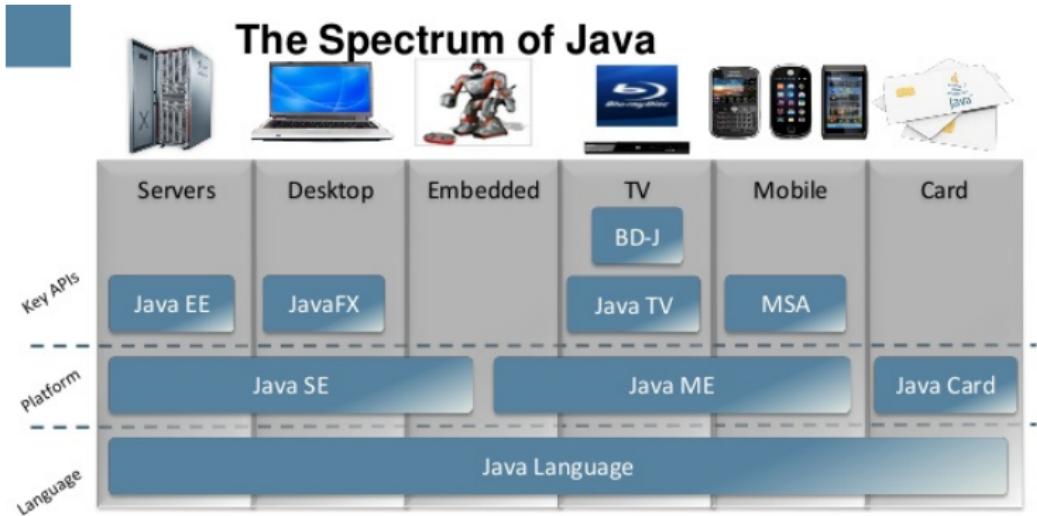


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Maquina virtual



Muchas plataformas



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¿Como programar en Java?



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Como programar en Java

- ▶ Lenguaje
- ▶ Objetivo
- ▶ Maquina
- ▶ Framework
- ▶ Herramientas



Lenguaje



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The next JVM language to learn



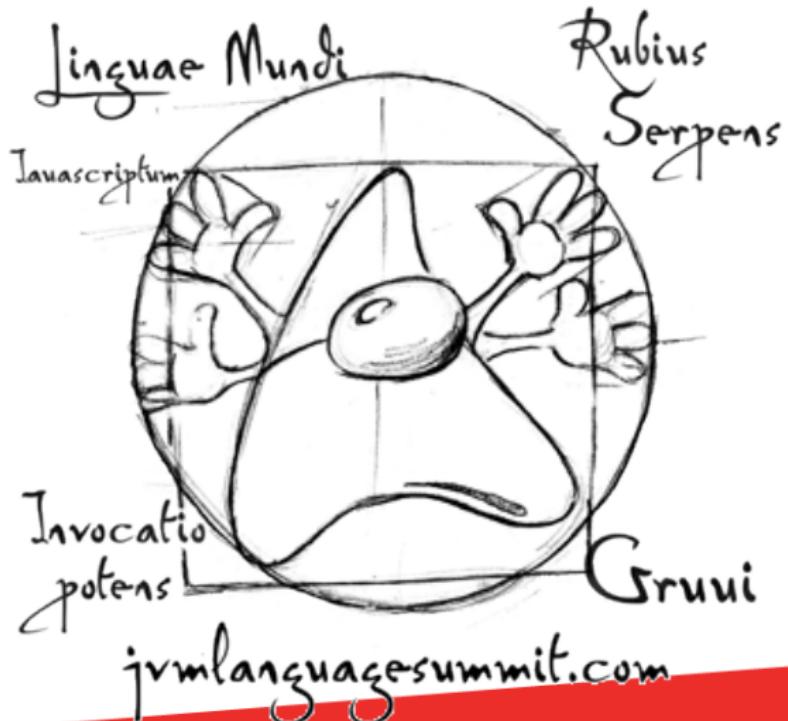
Objetivo



Objetivo

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





Maquina

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



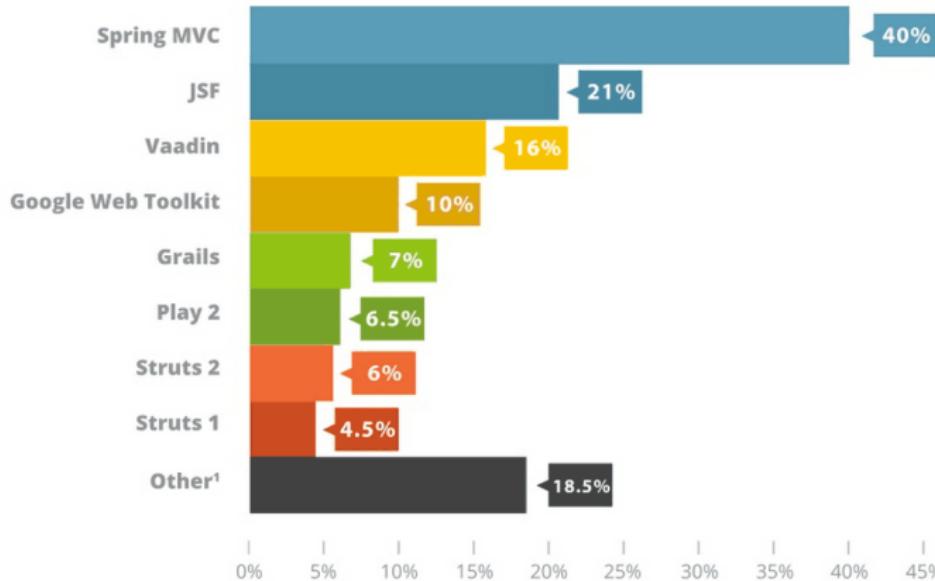
Framework



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Framework - Web

Web frameworks in use *



 REBELLABS

* Multiple selections were possible and the results were normalized to exclude non-users

¹ Including Wicket, Seam, Tapestry, Play 1, ZK framework, VRaptor and about 40 others

Framework - Enterprise



JSF/CDI/JAAS/JPA/JAX-RS/JAX-WS

Components



Spring MVC/IoC/Security/JPA/JAX-WS



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Framework - Ligero

The Java Ecosystem

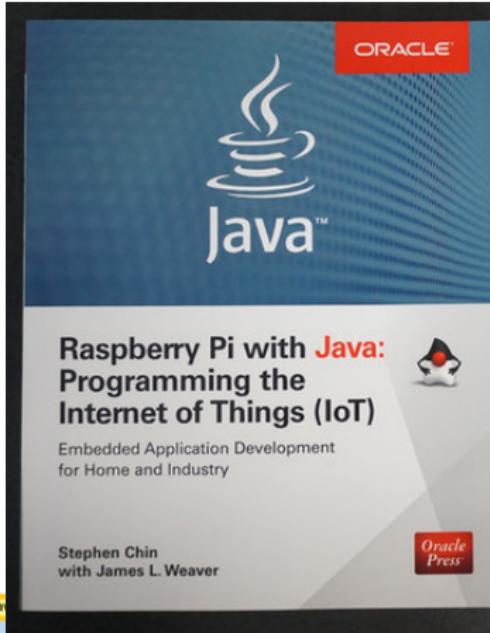


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Framework - Embarcado



Java Day

Framework - Movil



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Herramientas



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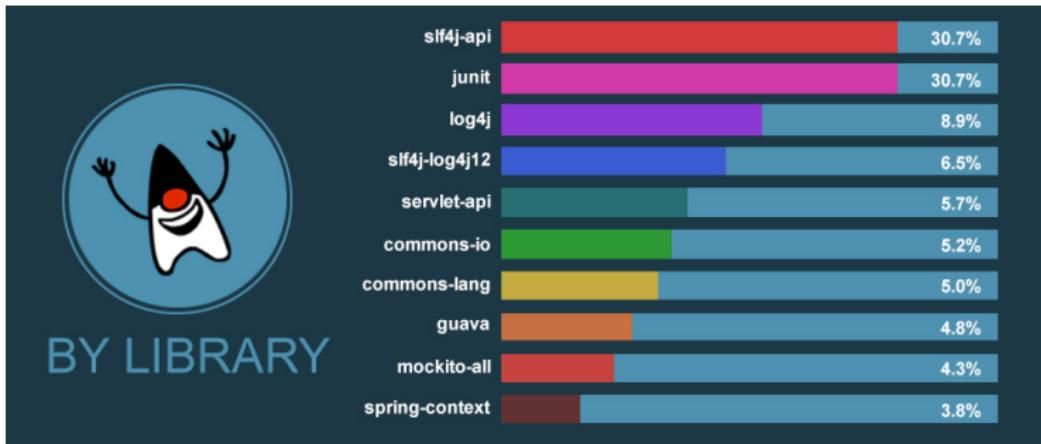
Development Stack

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



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NetBeans



eclipse



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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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