



Liberating Java, Liberating the World

Simon Phipps

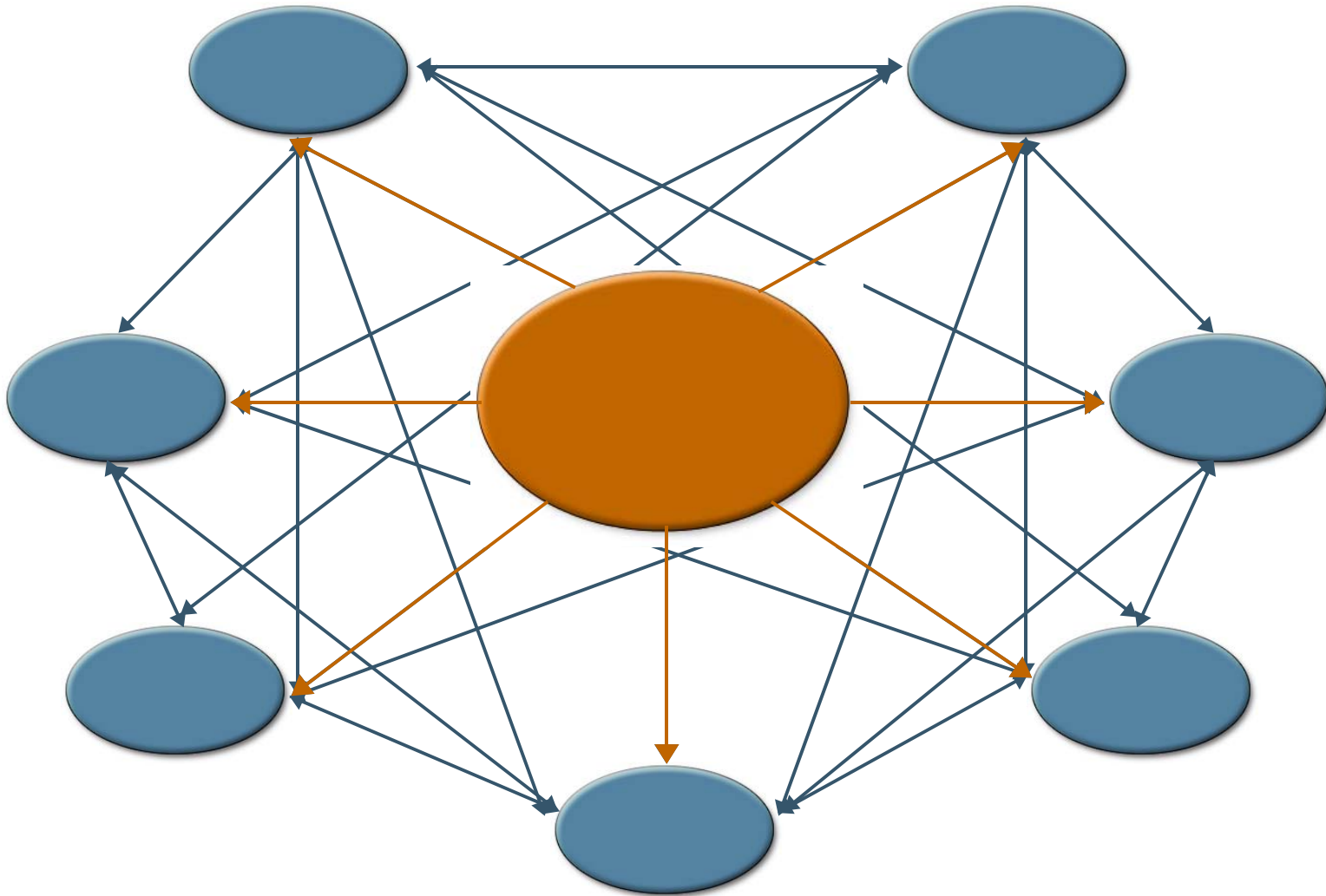
Chief Open Source Officer
Sun Microsystems, Inc.
sun.com/opensource/

TS-7498

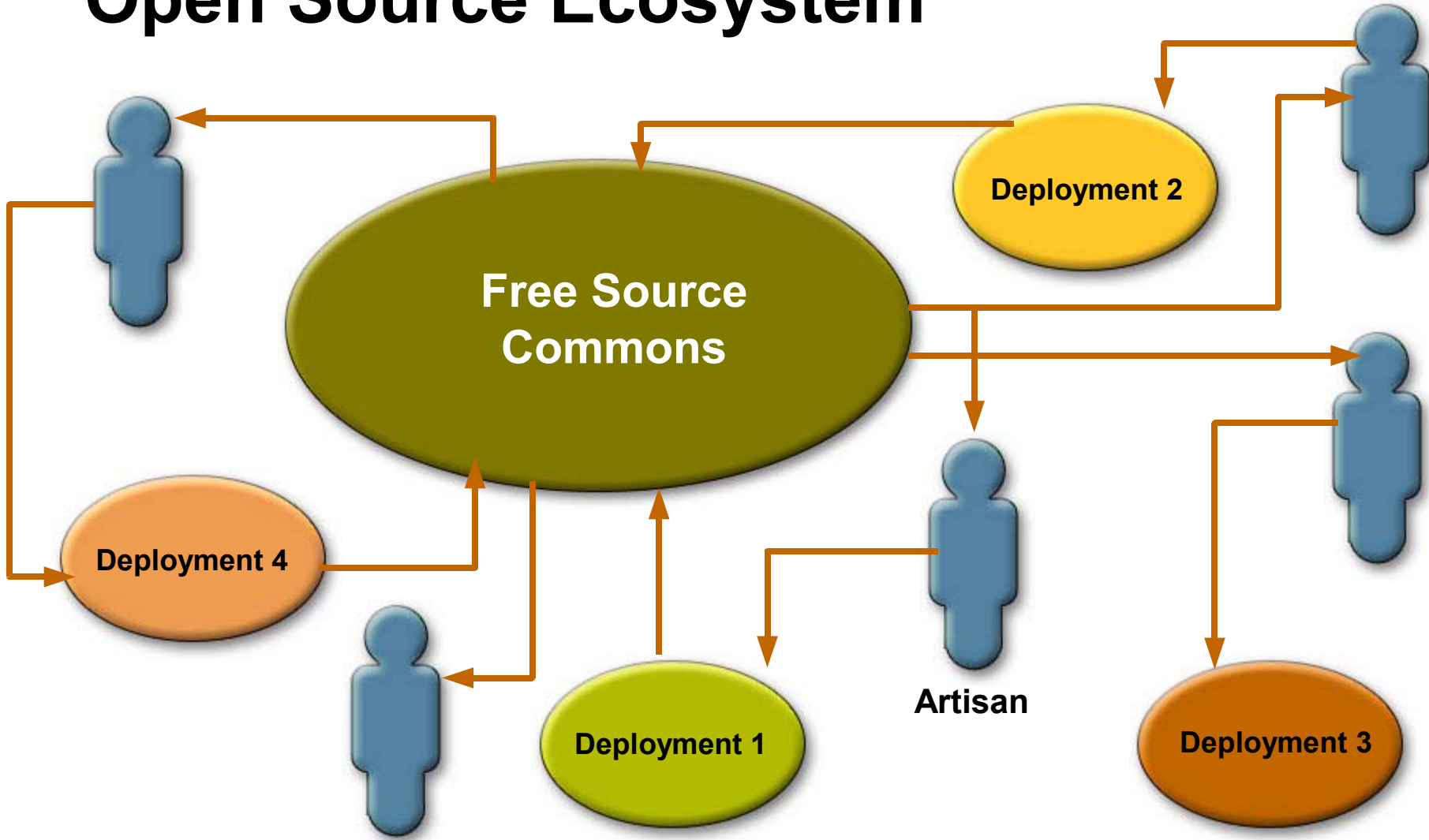
Java™ Platform and Free Software

What Free Software and Open Source Development will mean to the Java Platform...and to the world.

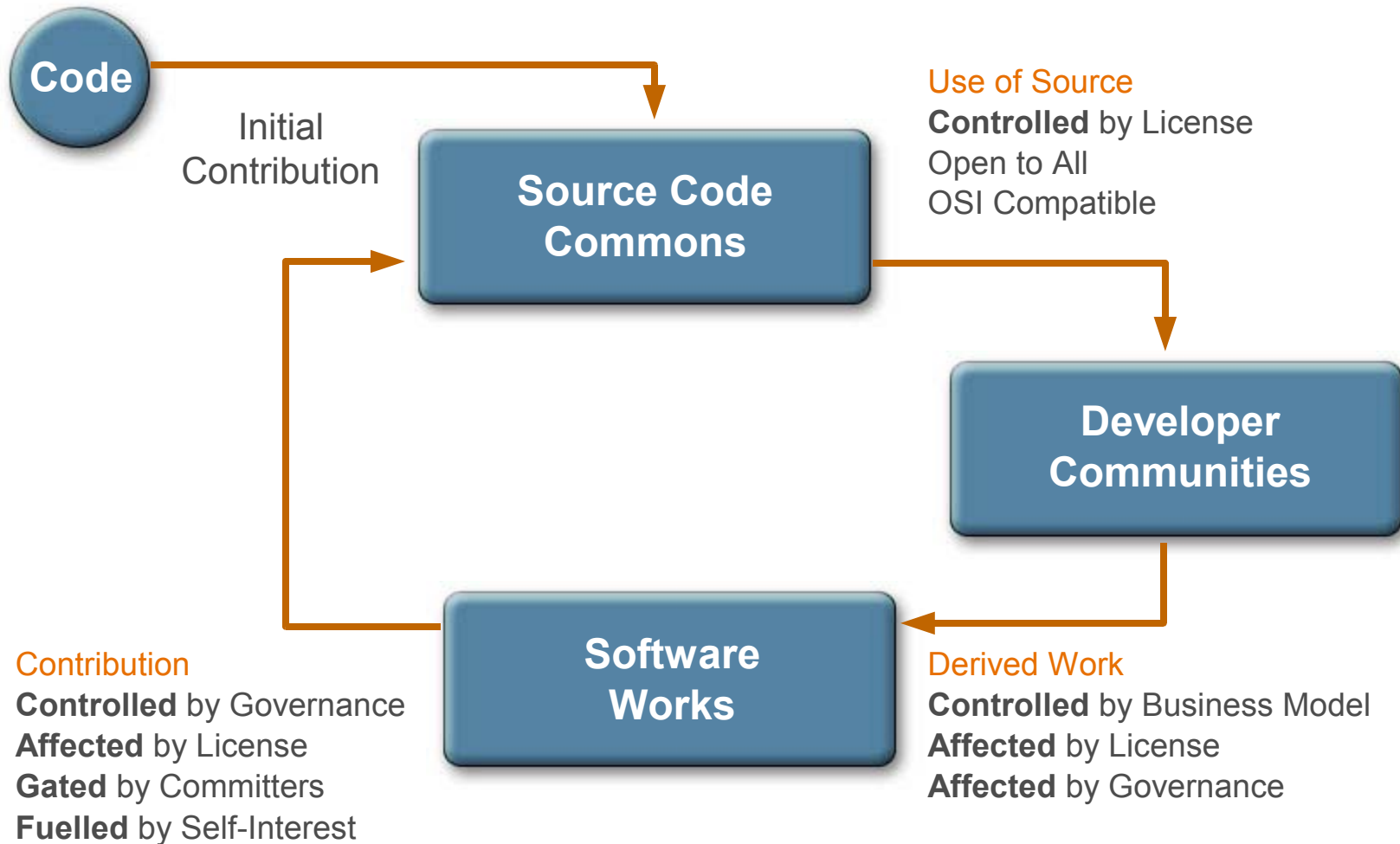
From Hub-and-Spoke to Peer-to-Peer



Open Source Ecosystem



The Virtuous Cycle of Open Source

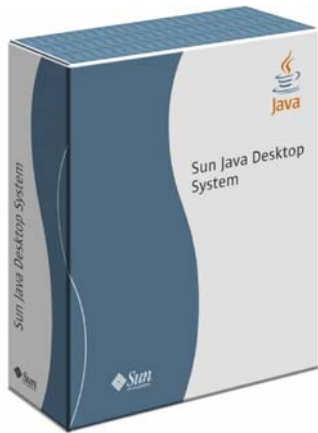




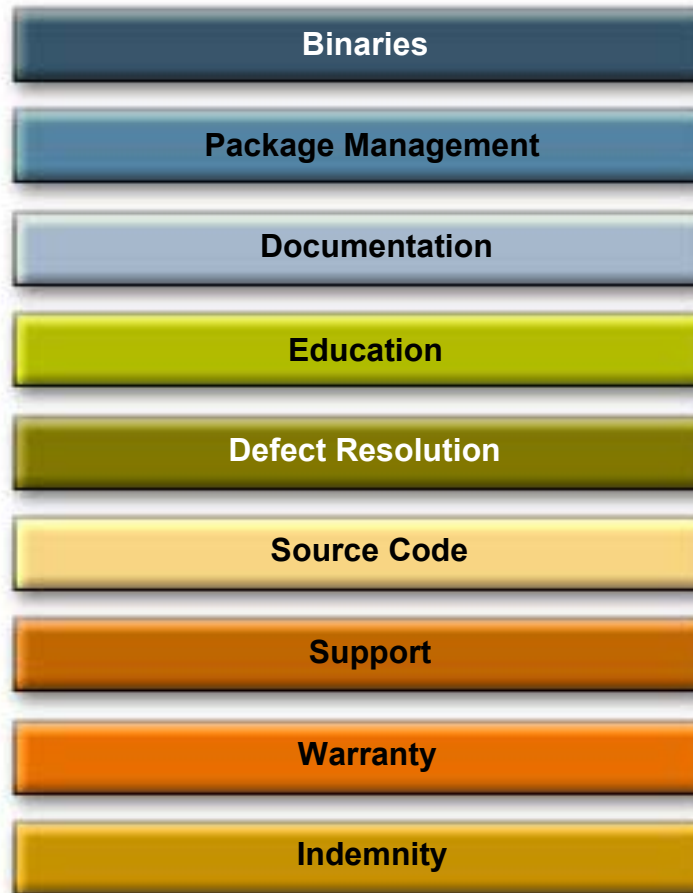
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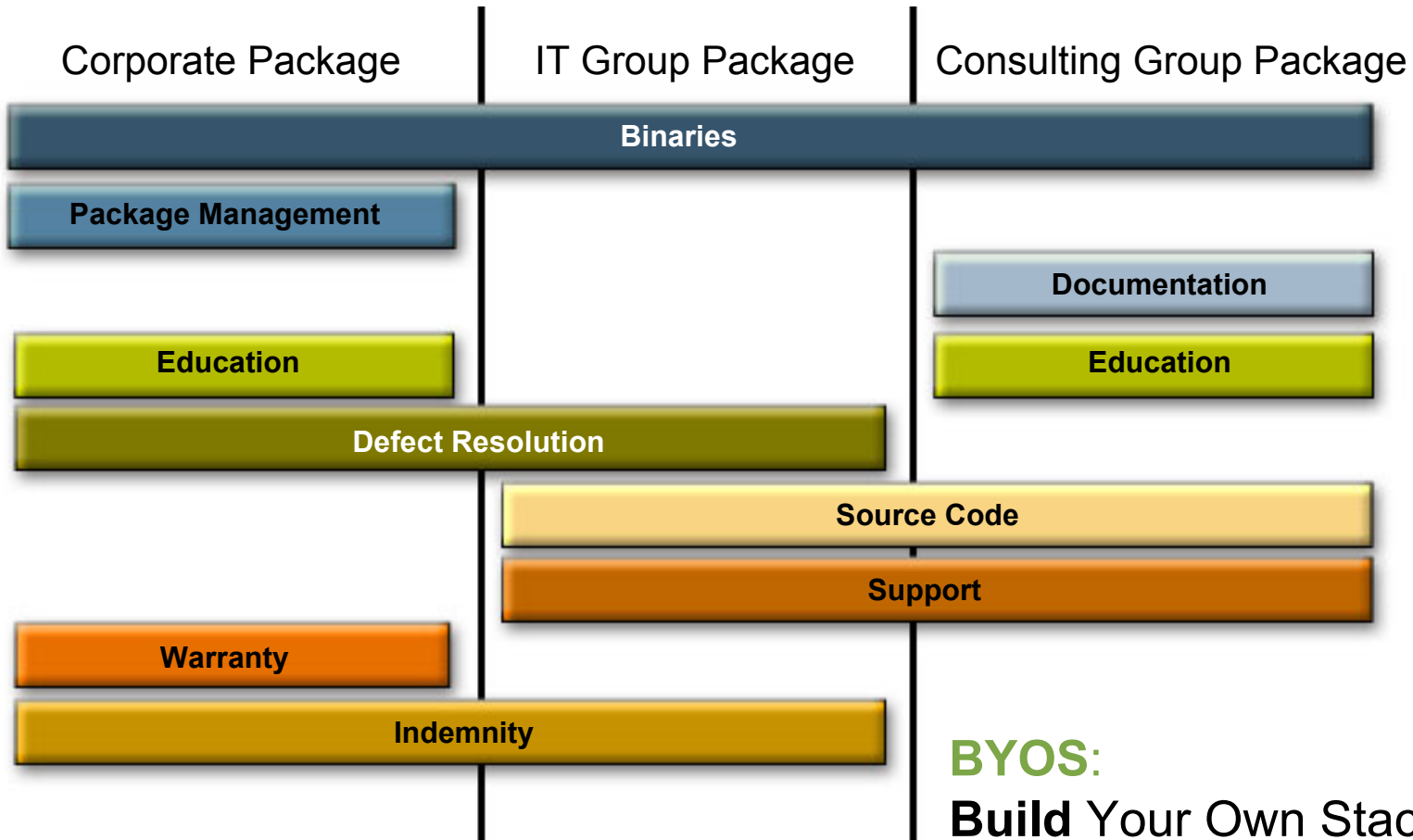
Unweaving the Software Bundle



Commercial
Software
Package



...And the Advent of Choice



BYOS:
Build Your Own Stack
Buy Your Own Stack

Open Source Communities Around Free Software





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The Time Is Right

Maturity

Java platform is everywhere today

Adoption

“Free” energizes the future

Innovation

It's up to all of us

Q: What Happens When?

“The most significant all-encompassing and long-term trend that the software industry has seen since the early 1980s.” **(IDC Group)**

meets

4 billion Java platform devices and
5 million Java platform developers?

A: Ask the 5 million developers



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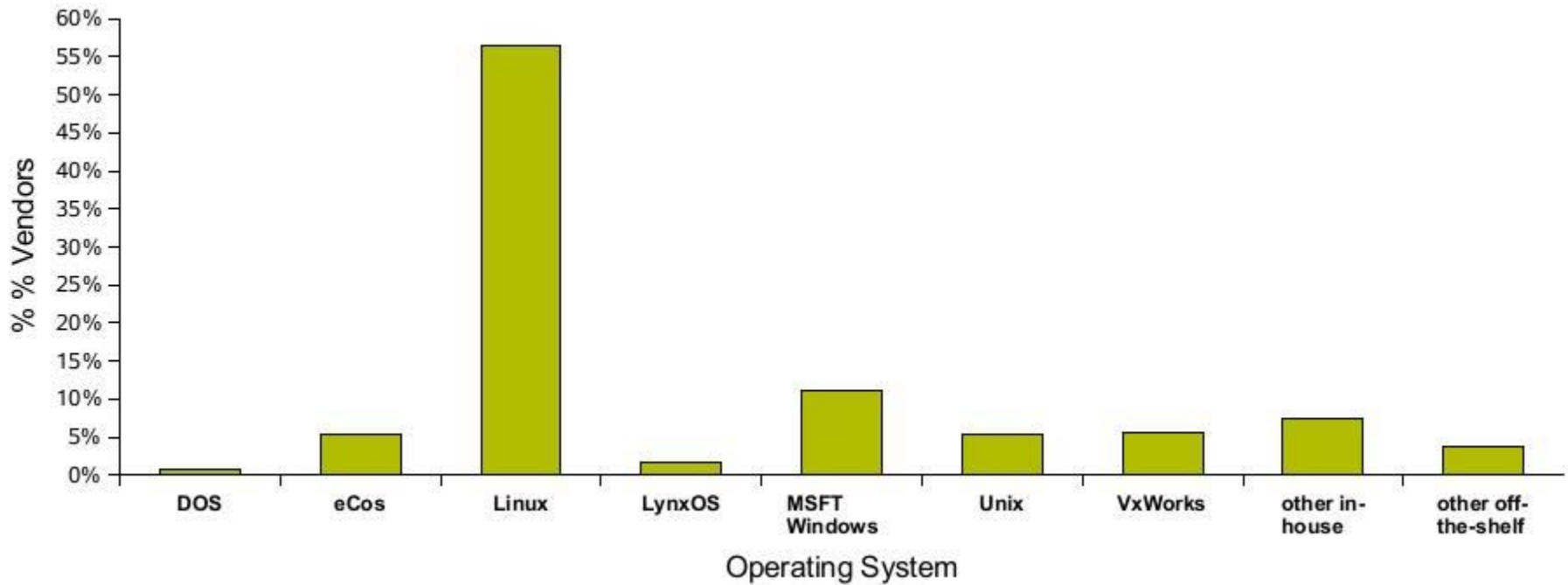


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The Importance of Linux to Java Platform

Expected Rates of Embedded Operating Systems 2006–2008 by Vendor



Source: Ziff Davis Publishing, May 2006

Java Technology Liberated





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Java Platform: Always Open, Now Free

“The freedoms to make changes if you want to, or to hire someone else to make changes for you if you’re using the software for your business, to share with other people and to make improvements and publish them so that other people can benefit for them too. These are the freedoms that enable people to form a community.”

**Richard Stallman
Free Software Foundation
“Revolution OS”**

Java Platform Licensing

GPL v2

- Discourages proprietary forks
- Popular, trusted license
- Compatible with GNU/Linux, fostering adoption
- Contribution Agreement protects community

+Classpath Exception

(Java SE, EE Platform Only)

- Applications may use **any** license—no worries
- Community innovations more valuable, useful
- Same approach as existing community projects

The term “Java EE” mean Java Platform, Enterprise Edition.

What About the Java Community ProcessSM (JCPSM) Program?

What Free and Open Source Java Platform means:

- Sun's implementations of Java Platform, Micro Edition (Java ME platform) and Java Platform, Standard Edition (Java SE)

What it doesn't mean:

- Java programming language
- Java specifications

Sun's Free Software Java Platforms

Platform	Open Source Community	License	Code
Java SE Platform	OpenJDK	GPLv2	Nov. 2006 May 2007
Java ME Platform	Mobile and Embedded	GPLv2	Nov. 2006
Java EE Platform	GlassFish Project	CDDL/ GPLv2	June 2005



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Thank You!

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