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Oracle and Open Sources

Agenda

- The Diversity of Open Source
- Erasing the 'Battle Lines'
- Bringing Open Source to the Enterprise
- Oracle's Strategy
- Q & A

Open Source is Diverse

Despite some common methods & philosophy, open source projects vary in significant ways

- Target market (OpenOffice vs. Eclipse)
- Size of community (Linux vs. Jabbernant)
- Business & support model (MS SFU vs. MySQL)
- Licensing and IP (Apache vs. GPL)

Erasing the 'Battle Lines'

The 'war' between closed and open source:

1. Makes good headlines,
2. Helps marketing open source products, and
3. Doesn't exist.

In reality, commercial vendors of primarily 'closed source' products play an important role in bringing open source into the mainstream.

Bringing Open Source Software into the Enterprise

Commercial SW vendors contribute to OSS success in a number of ways, including:

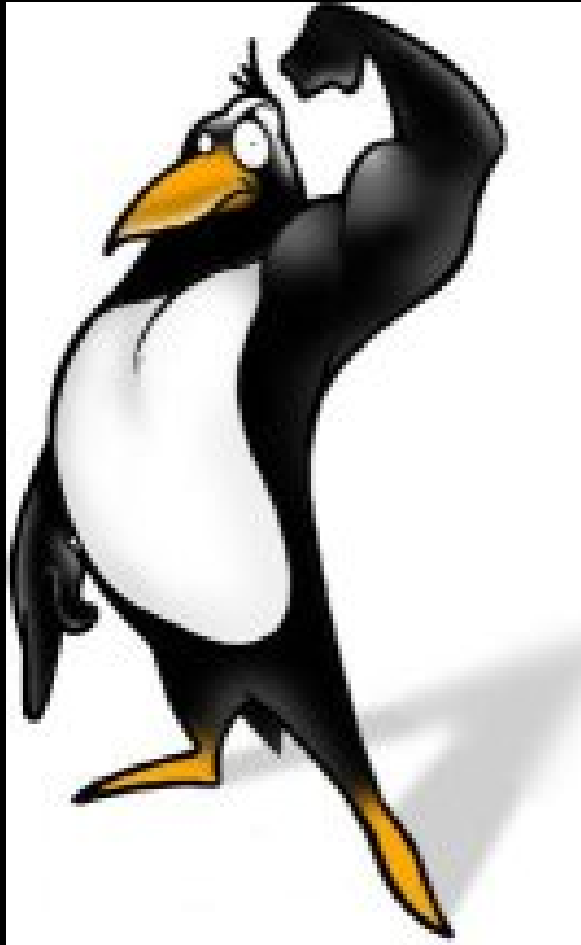
- Using OSS internally
- Distributing OSS with products
- Providing support for OSS for customers
- Submitting bugs (and fixes) for OSS
- Enhancing OSS with enterprise features

Linux: Oracle's Choice

**“We run our whole
business on Linux.”**

Lawrence J. Ellison
Oracle Corporation, 2003

Use of Linux at Oracle



- Oracle has standardized on Linux for development systems company-wide
- Most internal production systems run on Linux
- Oracle Technology Network and Oracle.com run on Linux
- Oracle On Demand (outsourcing) systems run on Linux

Oracle's Support for Linux

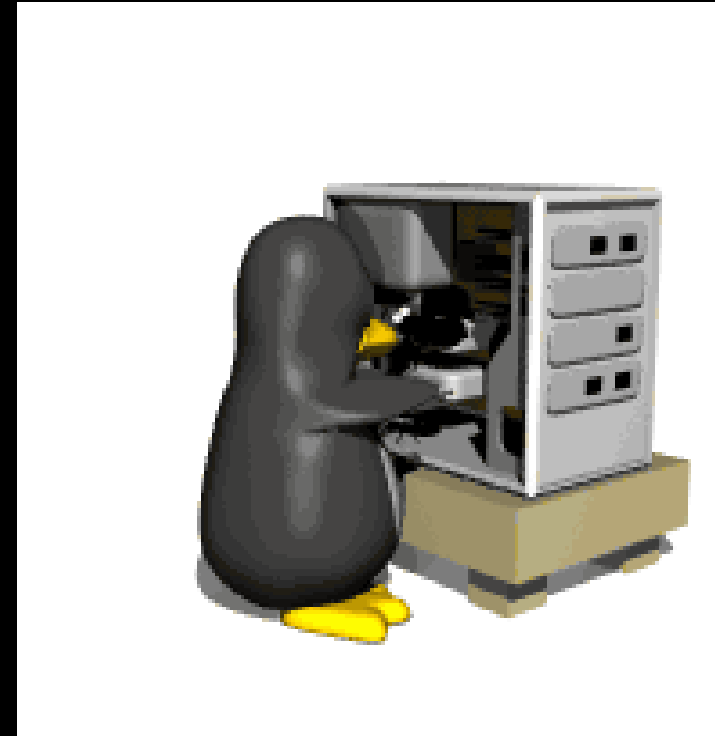
- All of Oracle's products run on Linux
 - Database, Application Server, Developer Suite
 - Collaboration Suite, E-Business Suite
- Helps customers consolidate onto standard distributions
- Direct, single point of Linux support worldwide
- Code level support for the entire SW stack



Oracle Contributions to Linux

The Linux Kernel Team at Oracle has contributed:

- Performance enhancements
- Stability improvements
- Clustering support
 - Including cluster file system
- Manageability improvements



... all to make Linux a better, enterprise-class, platform for running mission-critical Oracle databases and apps

Bringing Linux to the Enterprise



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Oracle and Linux: Then and Now

March 2002

March 2004

Product Evolution	No enterprise-class Linux distribution	Red Hat Enterprise Linux Server, SuSE Linux Enterprise Server
Technical Support	No enterprise-class technical support	Integrated, single point of contact for support, code-level support for the entire stack
Developer Adoption	Few downloads	Over a Million downloads of Oracle products on Linux
ISV Adoption	Few ISV apps	Thousands of ISVs on Oracle/Linux
Customer Adoption	Tire-kicking	Marquee references (e.g., Merrill Lynch, Amazon.com, Electronic Arts); widespread interest
Internal Deployment	None	Running our business on Linux
Partnerships	Opportunistic	Strategic partnerships with Red Hat and SuSE

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Oracle and Apache, Mozilla

- Apache ships with Oracle Application Server and is supported on all platforms
- PHP is supported with Oracle Application Server (and will ship with 10.0.2)
- Mozilla certified for use with
 - Oracle Application Server
 - Oracle Collaboration Suite
 - Support planned for Oracle E-Business Suite

Supporting Open Source Developers

Oracle's Open Source Technology Center provides resources and best practices for:

- Using Perl and PHP languages with Oracle
- Managing source code with CVS and SCM
- Testing with Ant and JUnit tools
- Developing Java on Linux (with standards-based MVC, Struts, Swing and AWT)

<http://otn.oracle.com/tech/opensource/index.html>

Supporting Open Source Developers

- Extensions for popular IDEs
 - Oracle JDeveloper Extensions Exchange
 - Oracle Database, Application Server extensions planned for Eclipse users
- Oracle JDeveloper supports deployment to OS J2EE application servers such as JBoss
- CollabNet hosts open-source programming sites for Oracle

Oracle's Open Source Strategy

- Drive down the cost of computing
 - Linux a key foundation of Grid Computing
- Support existing customer environments
- Speed time to market
 - Leverage complementary OSS
- Support developer community
 - Commitment to open standards, interfaces
 - Support use of open source tools

Final Thoughts

- It's counterproductive to think of open source as a single entity
- Clearly define technical and business requirements before evaluating products
 - Acquisition cost, total cost of ownership, support, functional requirements, skill availability, legal/vendor risks,...
- Hold open source software to the same standards as you hold commercial software



QUESTIONS
ANSWERS

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