

# Big Blue Penguins



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**IBM OzLabs - Linux Technology Center**

# IBM & Linux

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- IBM is making Linux run on all of its server platforms: iSeries, pSeries, xSeries, zSeries.
- ... among other things.
- No IBM distro: partnerships.
- IBM stands to gain market share and \$.

# IBM makes money from free software?

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- IGS - Services: Linux as part of solutions.
- Indirectly, by selling the stuff on either side of the OS: hardware and software/middleware.

- Hardware:

[...] IBM server chief Bill Zeitler said "almost all" of the mainframe processing capacity IBM sold in the fourth quarter of 2001 was for Linux.-

<http://zdnet.com.com/2100-1106-826983.html>

- Software/middleware:

Domino server, WebSphere, DB2, ...

# IBM Linux Technology Center

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- The Linux Technology Center (LTC) is a worldwide development team that utilizes world-class IBM programming resources and software technology to advance the functionality of Linux across many different environments: servers, desktops, embedded devices and appliances.
- Mission - The goal of the LTC is to have IBM engineers work as peers within the Linux community to support the platform's growth and maturity. The LTC also serves as a center of Linux competency within IBM, providing technical expertise to developers working on IBM's Linux solutions.

# What do the OzLabs people do?

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- What they used to do (PPP, power management, Netfilter, Keyspan USB drivers, Orinoco wireless driver, compiler toolchains, FreeBSD, ...), mostly...
- ppc and ppc64 kernel work - pSeries, embedded.
- LSB - Linux Standard Base.
- RAS - Reliability, Availability, Servicability.
- ...

# IBM and Open Source

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- IBM has lots of lawyers.
- A lot of IBMers work on Open Source software.
- IBM has released a stack of stuff as Open Source.
- IBM owns copyright on stuff you do at work.
- Manager can approve work on Open Source projects in your own time, using your own e-mail address and your own copyright.

# Suits?

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- What fabric is my suit made of? Is it imported?
- I put on weight and tossed out my suits.
- I did some contracting and bought new suits.
- I lost weight...
- No suits here!

# Working environment?

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- Much like working for a startup, except...

# They make us wear passes...

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**They keep us in a cage!**

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# Seriously?

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- A good and sensible development environment.
- A decent computer room.
- Flexible working hours.
- Our manager is a Linux hacker.
- AT&T Global Dialup.
- Lotus Notes.
- An Internet connection via a SOCKS proxy.

# Lotus Notes...

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WINE

[... but I still munge messages...]

# Intermission?

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[Switch to the slides about "Transparent SOCKSification".]

# Before...

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**After!**

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**The end...**

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**Questions?**