# **Big Blue Penguins**



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**IBM OzLabs - Linux Technology Center** 

#### **IBM & Linux**

- ■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?

- 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**

- 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?

- 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, Availablity, Servicability.
- \_\_\_\_

# **IBM** and Open Source

- 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.

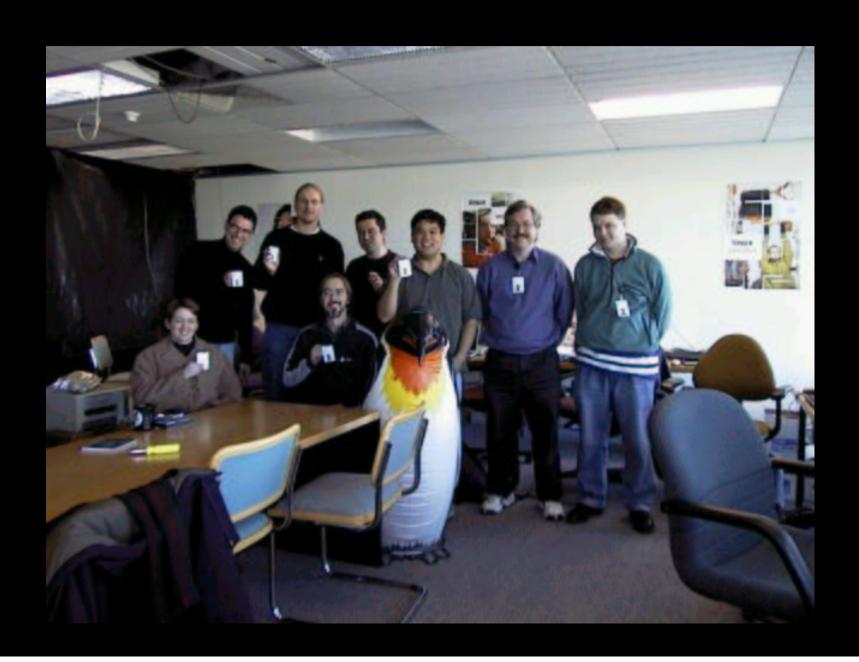
#### Suits?

- 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!

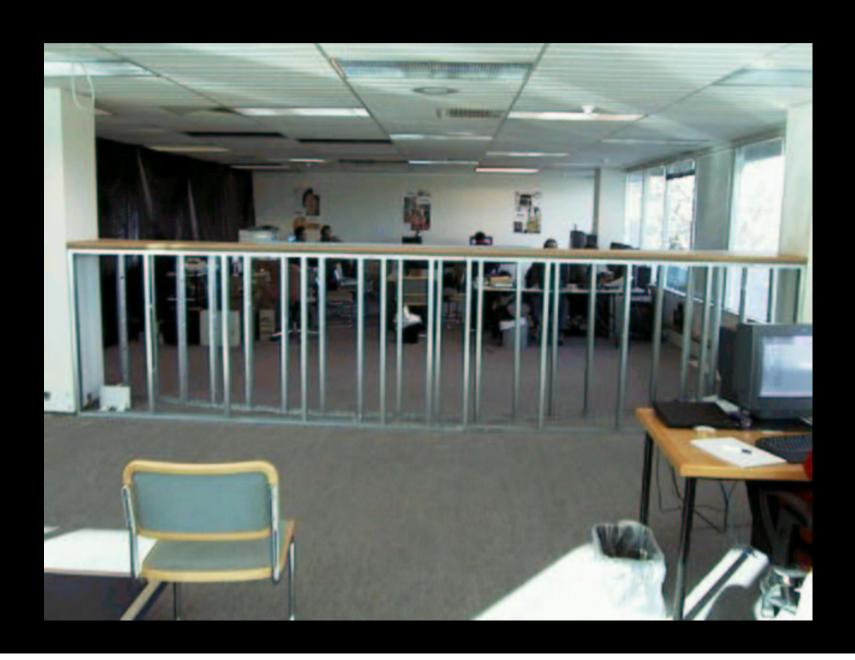
# Working environment?

Much like working for a startup, except...

# They make us wear passes...



# They keep us in a cage!



# Seriously?

- 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.

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

# Intermission?

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

# Before...





# Questions?