

# Linux on PPC



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# Introduction

- Linux on the PPC platform has been around officially since 1999, when the first real PPC distribution, LinuxPPC, came out. This ran, at the time, the 2.4.21 kernel, and had basically ported RedHat to PPC and changed some graphics and fonts.

# Advantages

- Better looking hardware.
- Higher ROI/Lower support costs.
- More power per processor.
- OS X is BSD, so programs developed for Mac users can easily be ported to Linux, unlike Windows programs.

# Disadvantages

- Smaller market share, so fewer users/  
alternative support resources.
- Slightly outdated software
- Proprietary hardware.

# Major Distributions

- Yellow Dog
- CRUX
- Debian
- LinuxPPC (not officially)
- Fedora
- Red Hat Linux

# Quick Sidenote...



- TerraSoft Solutions briQ:
- Highly scalable mini-server running Yellow Dog Linux (TSS is their parent company) with a G3 or G4.

# x86 v. PPC

- Better for graphics/animation rendering/video due to faster processors.
- Worse for web serving, etc. because of fewer DNS configuration utilities, etc.
- Same for general use.

# Hardware Demo Time!

- Ben Urban has been kind enough to provide his computer for a quick demo of Gentoo on a 2002 Apple iBook.

# Major Available Software

- OOo
- cPanel/WHM currently being ported, 93% done
- All sorts of supercomputing applications to cluster PPC Linux boxes

- Any more questions?

# Thanks for coming!

- For more information, try:
- <http://penguinppc.org/>
- <http://www.terrasoftsolutions.com/>