

gentoo linux

# Agenda

- What is Gentoo?
- What is different about it?
- Who uses it?
- But why?

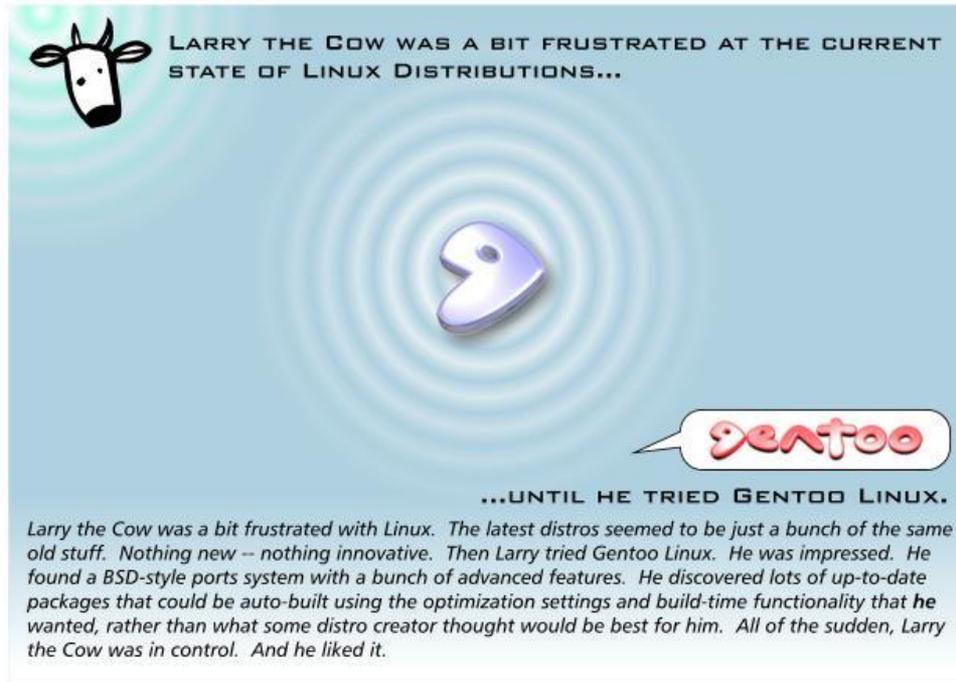
# What is Gentoo?

# What is Gentoo?



# What is Gentoo?

<http://www.gentoo.org/>



LARRY THE COW WAS A BIT FRUSTRATED AT THE CURRENT STATE OF LINUX DISTRIBUTIONS...

...UNTIL HE TRIED GENTOO LINUX.

*Larry the Cow was a bit frustrated with Linux. The latest distros seemed to be just a bunch of the same old stuff. Nothing new -- nothing innovative. Then Larry tried Gentoo Linux. He was impressed. He found a BSD-style ports system with a bunch of advanced features. He discovered lots of up-to-date packages that could be auto-built using the optimization settings and build-time functionality that he wanted, rather than what some distro creator thought would be best for him. All of the sudden, Larry the Cow was in control. And he liked it.*

# What is different about it?

- “Meta-distribution”
  - Portage and emerge
- Great documentation (if not intimidating)
  - Gentoo did lose its wiki page in 2008 though
- x86, x86\_64, ia64, sparc, ppc, ppc64, alpha, PA-RISC (hppa), mips, arm, arm64
- It works with FreeBSD too

# What is different about it?

- Can be installed from any relatively modern Linux installation media with internet connectivity
- Did I already say it is extremely flexible?

# Who uses it?

- CoreOS
- Google Chrome OS and Chromium OS
- People, apparently
  - <http://brashear.me/blog/2014/05/18/results-of-the-2014-slash-r-slash-linux-distribution-survey/>

# But why?

- Because it's FUN!
- Learning (so, I just recompiled my kernel, just 'cause)
- Flexibility/Choice
- Masochism?

# Demo/Walkthrough

# Acknowledgements

"Gentoo" is a trademark of Gentoo Foundation, Inc.