

The Top Three Reasons Open Source Makes (Business & Development) Sense

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A photograph showing a narrow trench or path. The walls of the trench are constructed from stacked logs and branches. In the background, there are sandbags and more logs. The ground is covered with dry leaves and twigs. The sky is overcast.

A View from the Trenches

Thesis:

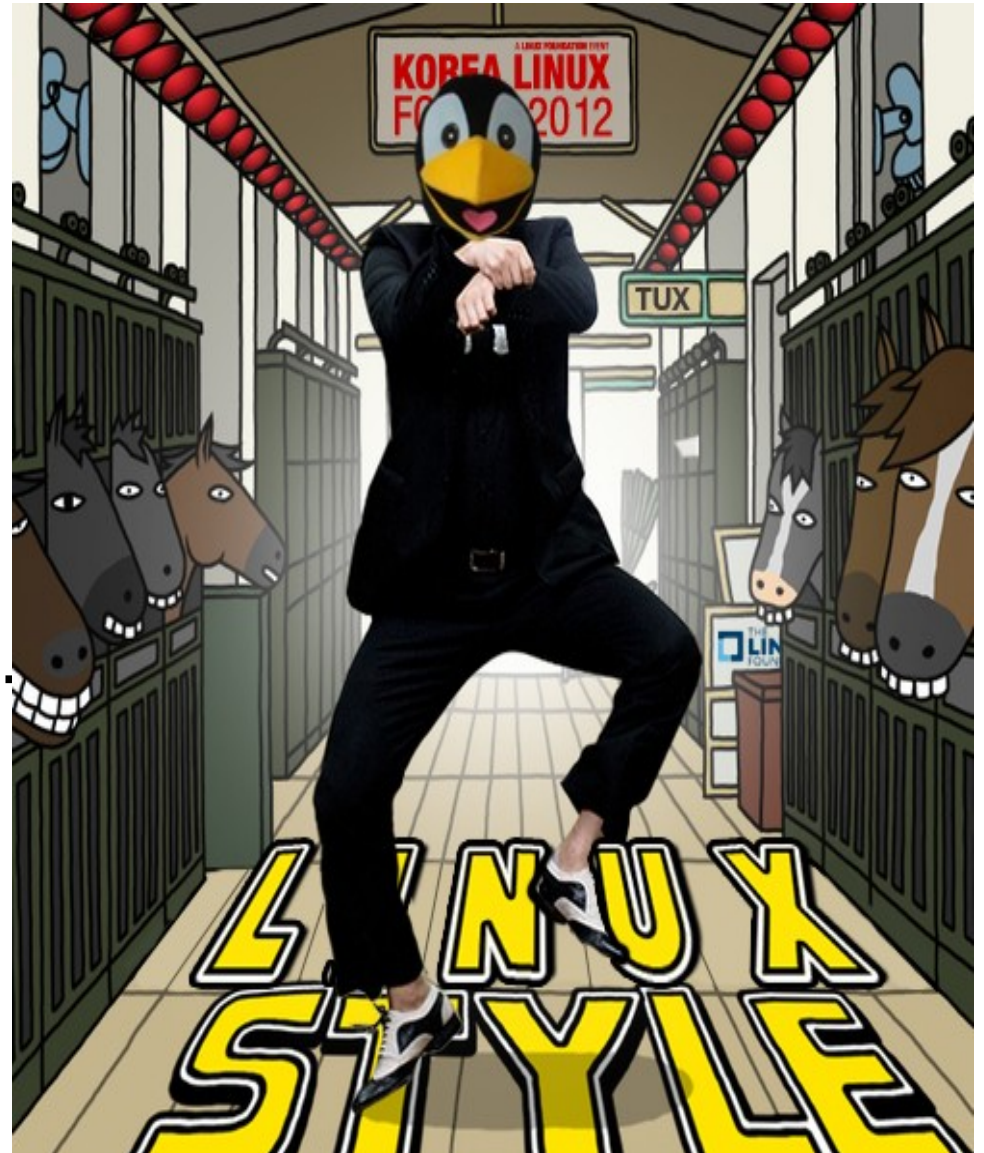
- Companies should use, build upon, and contribute to open source projects.



- **Open source & proprietary development**
- **10-year veteran of IBM Research**
- **~40 US patents, 30 papers, 1,000 citations**
- **Owner at Hypervisor Technologies and Consulting Ltd**
- **Chief Scientist at Stratoscale**
- **Part-time Linux kernel maintainer**

The Linux Kernel

- The most successful open source project ever
- 10,000s developers from 1,000s companies
- Mobile, embedded, desktops, laptops, servers, supercomputers, clouds, ...
- Pace of development is increasing:
 - 171 changes every day
 - more than 1,200 per week



Open Source Leads to Better Software and Hardware

**"GIVEN ENOUGH EYEBALLS,
ALL BUGS ARE SHALLOW"**

LINUS LAW

by Eric S. Raymond in "The Cathedral and the Bazaar"

Open Source Encourages Innovation



Open Source Leads to Happier Customers

