Software-defined everything

Mark Shuttleworth
Open Source Everywhere

Public Cloud

Datacenter

Edge Cluster

Internet of Things
Creators of open source

- Passion projects: GNU, MIT, Public domain, Shareware
- Startups: Cygwin, SUSE, Red Hat, MySQL
- Giant software companies: IBM, Google, Oracle, Amazon
- Startups: Puppet, Chef, Mongo, Redis, Kafka, Influx
- Main Street a.k.a everybody: Walmart, JP Morgan, Netflix, Uber, Twitter, Facebook

Imitating - Pioneering
Improving open standards with open source
Beyond FRAND with copyleft spectrum
Public Cloud
Datacenter
Edge Cluster
Internet of Things
One giant leap.

#Apollo50th
Embedded Linux 2.0
Super Smart and Super Secure
Built-in security and app store
From the desktop to embedded Linux
An app store for Linux
Travis CI

GitHub

circleci
Real-time publisher metrics
Real-time publisher metrics

- Published in the store
- Featured in the store
- Social media campaign
Real-time publisher metrics
6109 snaps +45%

2708 developers +36%
Strict Confinement
Ultra-reliable Updates
Rethinking embedded Linux
DevOps for devices
Automation

You receive a pull request on GitHub

Test with Travis or other CI system

The code lands on your GitHub master

Snapcraft builds a new snap version

Auto-released to the snap store for testing

You promote to beta / candidate / stable
Supported Silicon

- NVIDIA
- Qualcomm
- Raspberry Pi
- Intel
Thank you. Questions?