Linux, MeeGo, and China: Power to Change the Industry

Jessie Qian, Director of Community Relations
Linux Foundation, China

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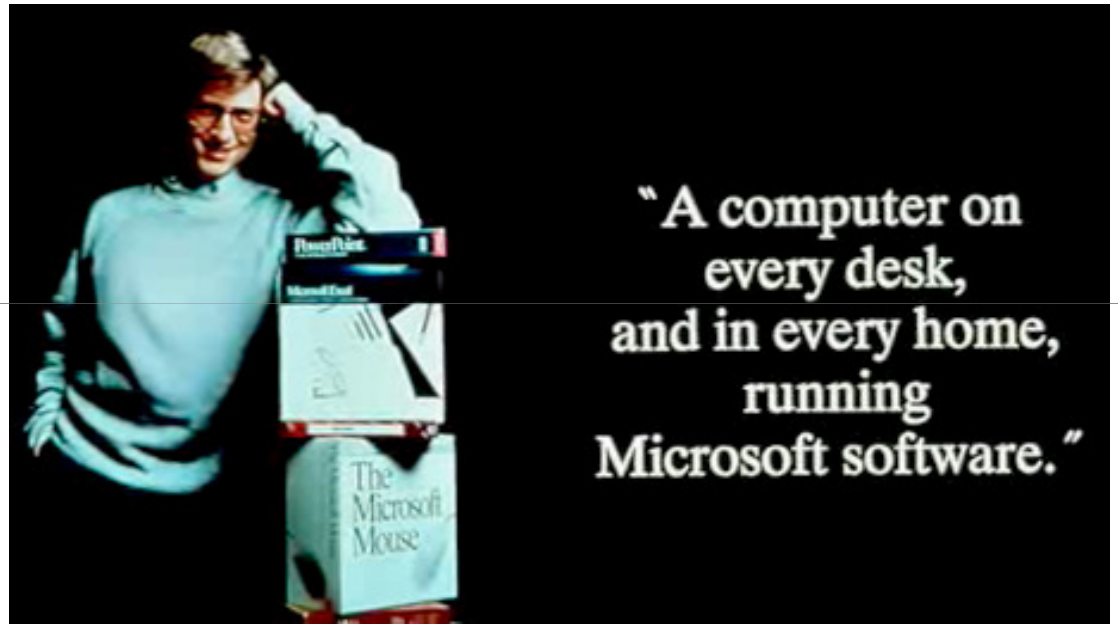
A vision that defined a computing era



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What is the Linux vision?

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Linux has come a long way

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Linux Runs the New York Stock Exchange… and the Tokyo, London, Chicago, and more.

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Linux Runs Nuclear Submarines

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Linux runs the City of Munich – From Desktops to Servers

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Linux Runs Air Traffic Control

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Linux Runs French Parliament

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Linux Powers the $10 Billion Dollar CERN Super Collider

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Linux Discovered Oil in Brazil

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Linux Powers the One Laptop Per Child Project

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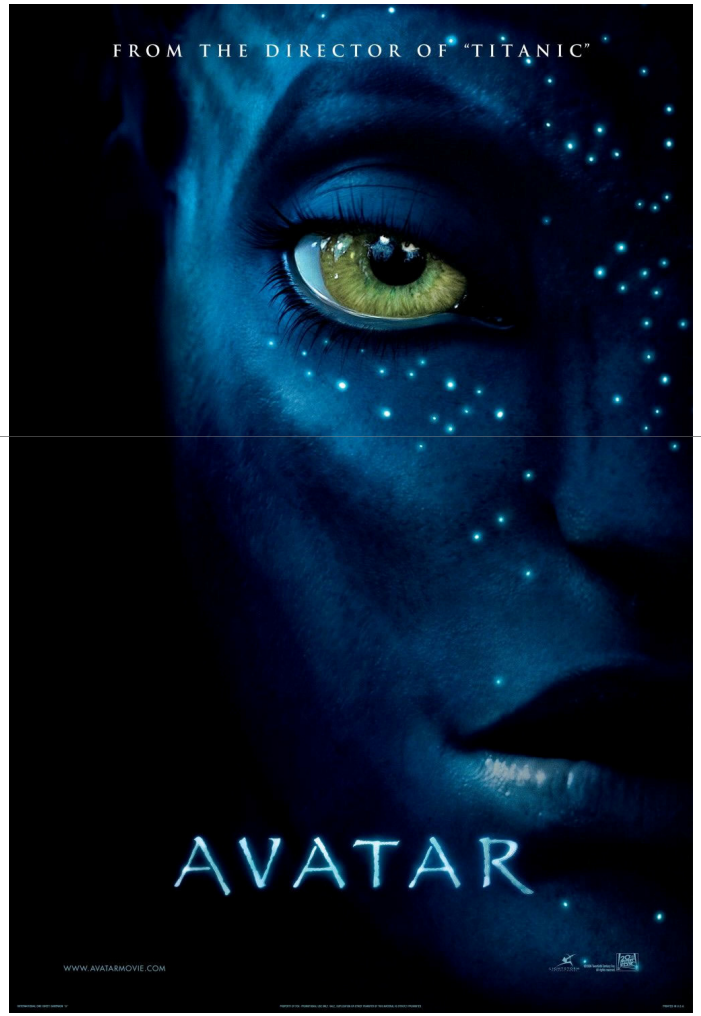
Linux Created the Effects in Avatar



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New Smart Grids Run on Linux

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Linux is powering BMW automobiles

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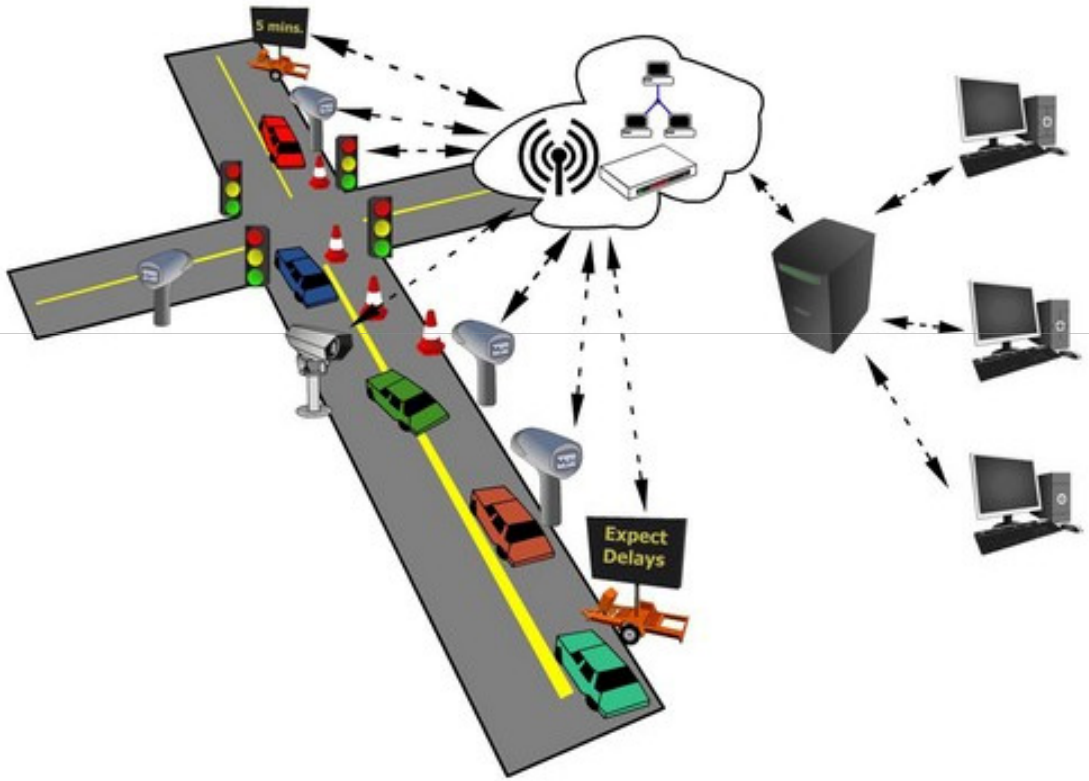
Linux is also powers smart traffic systems



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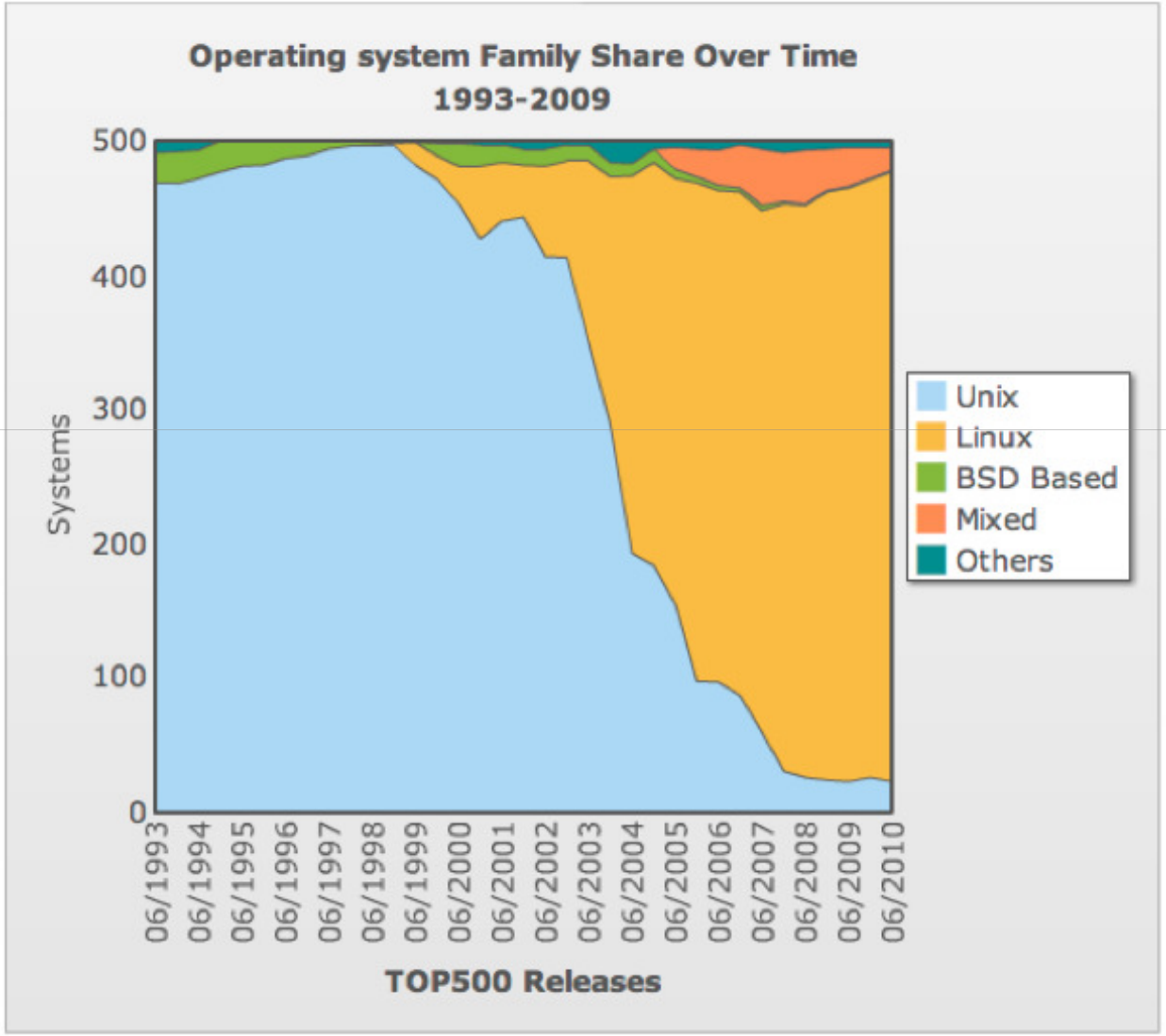
Linux is Dominating Super Computing



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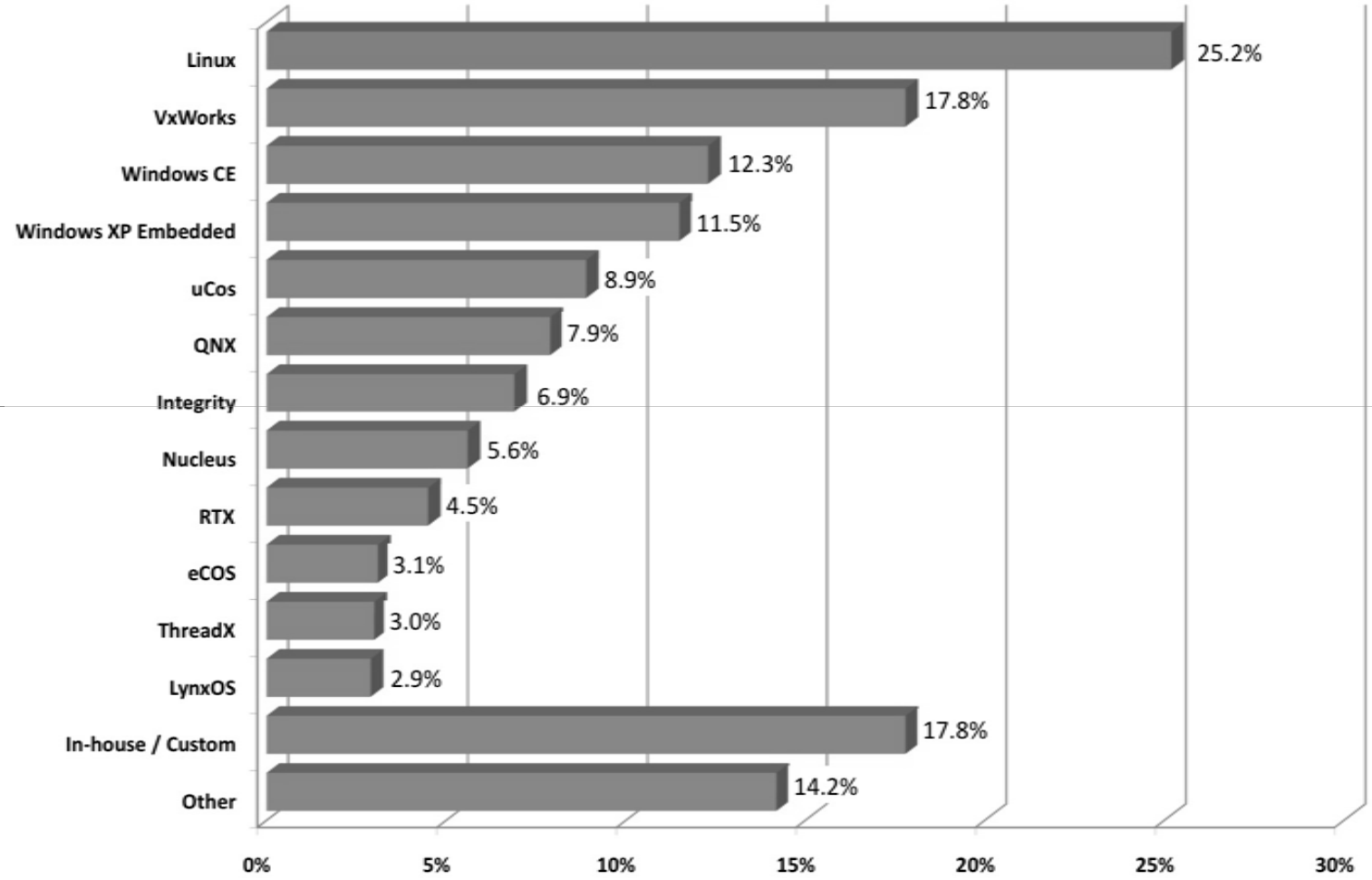
Linux is dominating Embedded OS Market Shares



Source: Embedded.com 2009

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Linux is dominating the mobile device market

MeeGo™

palm webOS™

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2,700,000

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10,923

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5,547

THE LINUX FOUNDATION

90%

$1,000,000,000,000,000

THE LINUX FOUNDATION

$10,800,000,000

THE LINUX FOUNDATION

$0

THE LINUX FOUNDATION

1

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So what is the Linux vision today?

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Our Vision: A Computer in Everything running Linux

Linux is becoming the fabric of computing

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It is end of an era and beginning of a new one

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Why is the world turning to Linux?

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Reason One: The Internet is Changing

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The Internet of People is 1 Billion…

…headed toward 2 billion

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The Internet of connected devices…

- Cars
- Appliances
- Roadways
- Pipelines
- Livestock

…is headed to 1 trillion.

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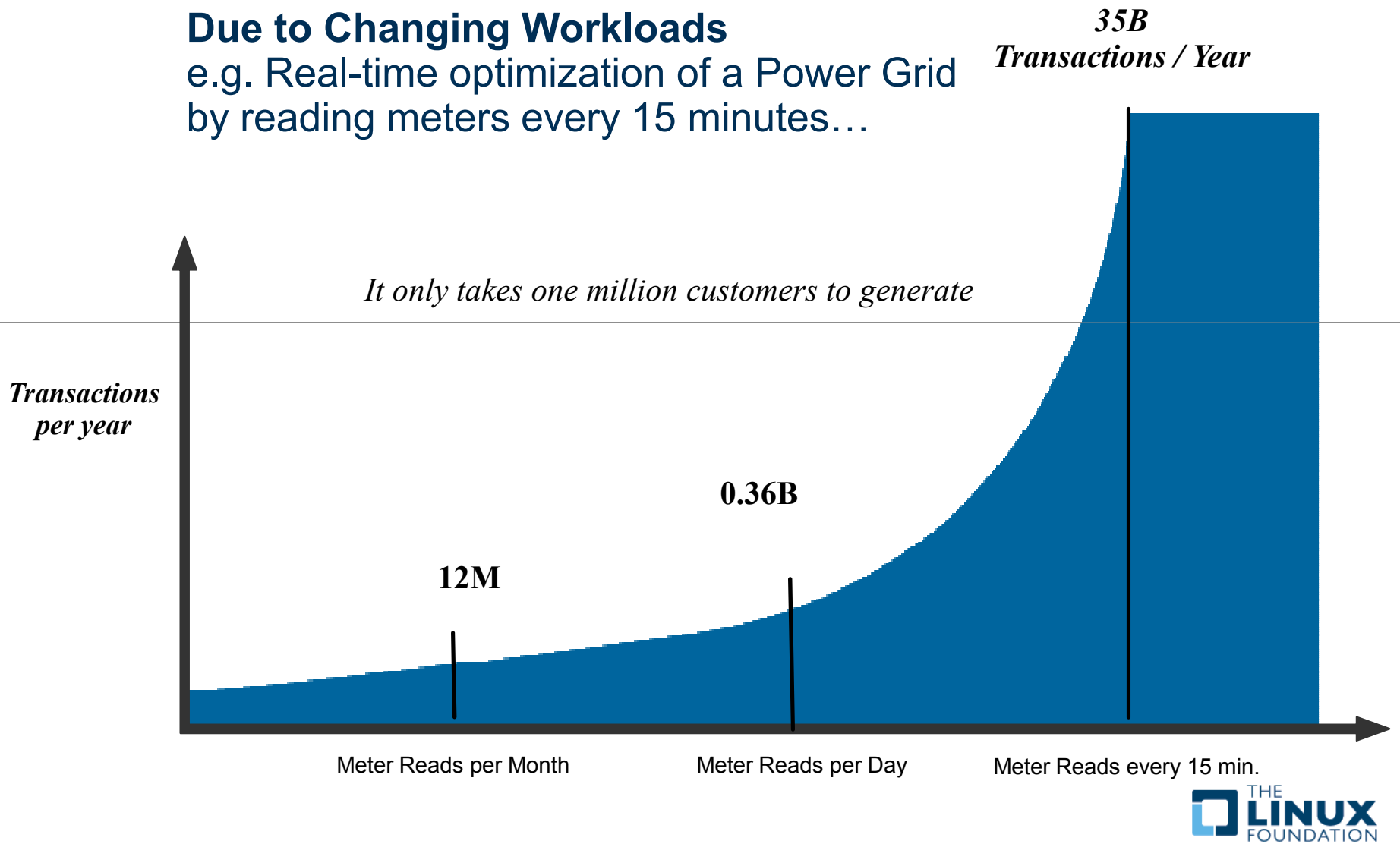
Requirements are changing for a more instrumented, interconnected, intelligent world

Due to Changing Workloads
e.g. Real-time optimization of a Power Grid by reading meters every 15 minutes…



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What do you need to deal with this future?

- Instrumentation: in embedded systems to collect data
- Network Servers: to gather the data and store it
- Super computers: to analyze this data explosion
- Devices: to display, communicate and interact with that data

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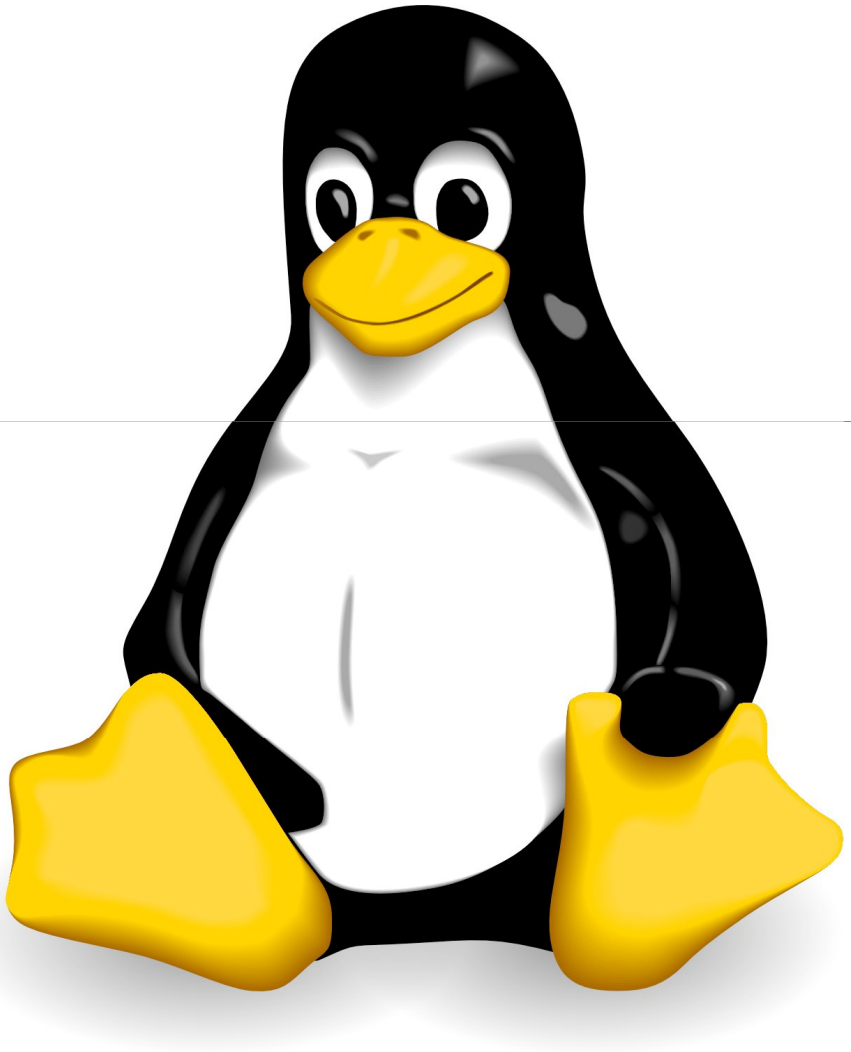
Sound familiar?



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Reason Two: It's saves money

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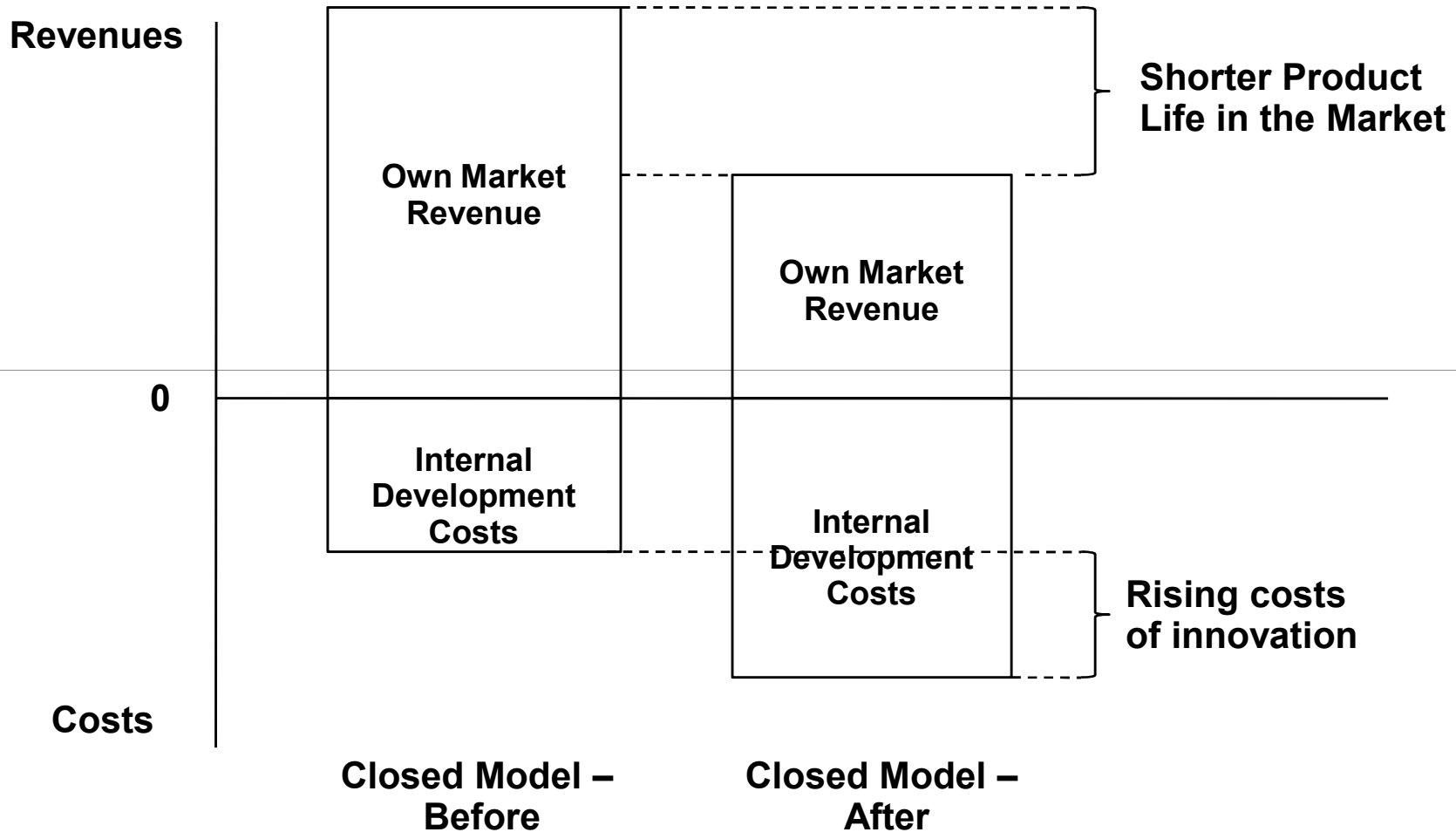
The price pressure of innovation



Source: Henry Chesbrough – Open Business Models

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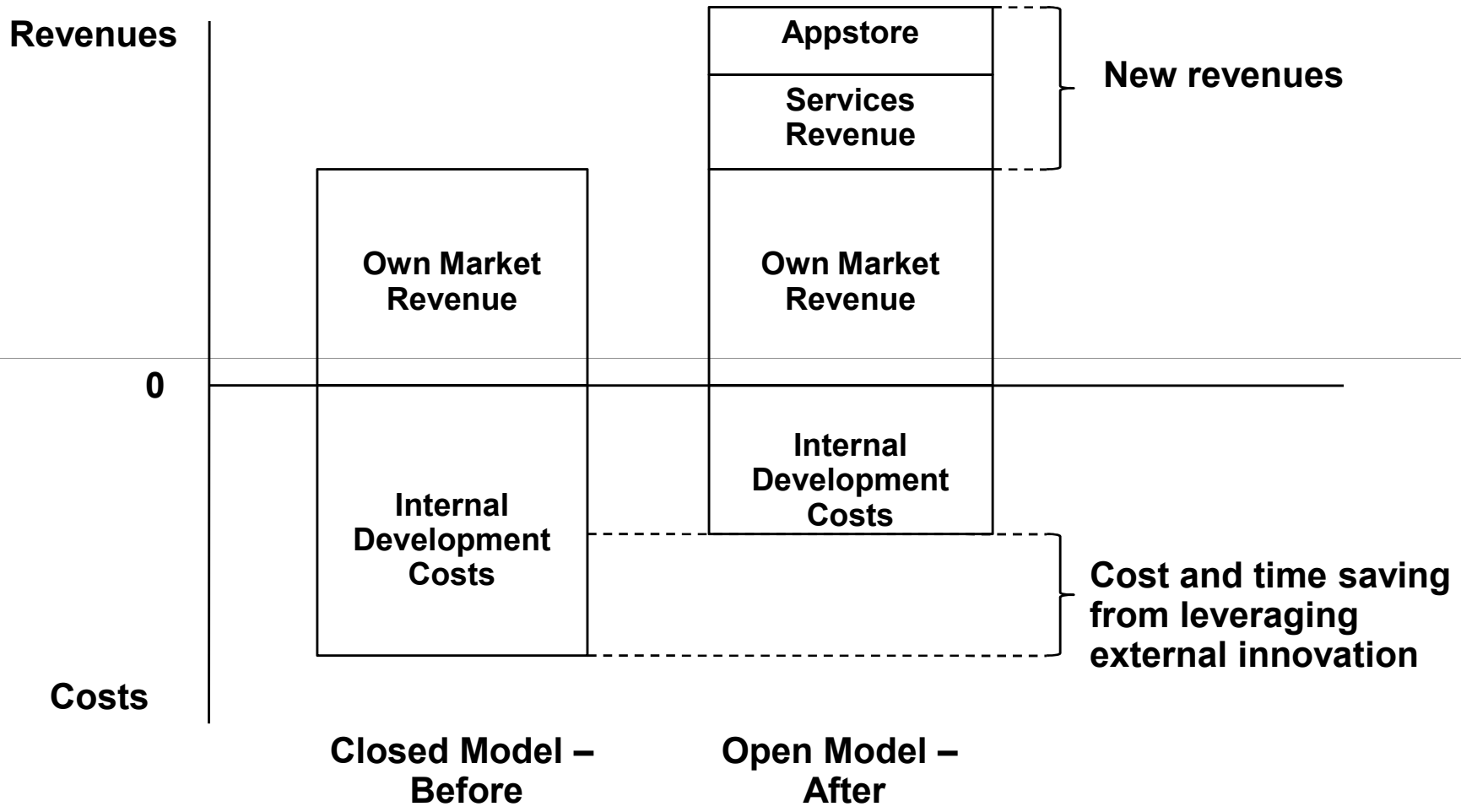
Open innovation enables new revenue streams, faster time to market, and lower costs



Source: Henry Chesbrough – Open Business Models

Reason Three: We are redefining personal computing

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Is a smartphone the new PC?

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Are MIDs, Netbooks and Nettops the new PCs?

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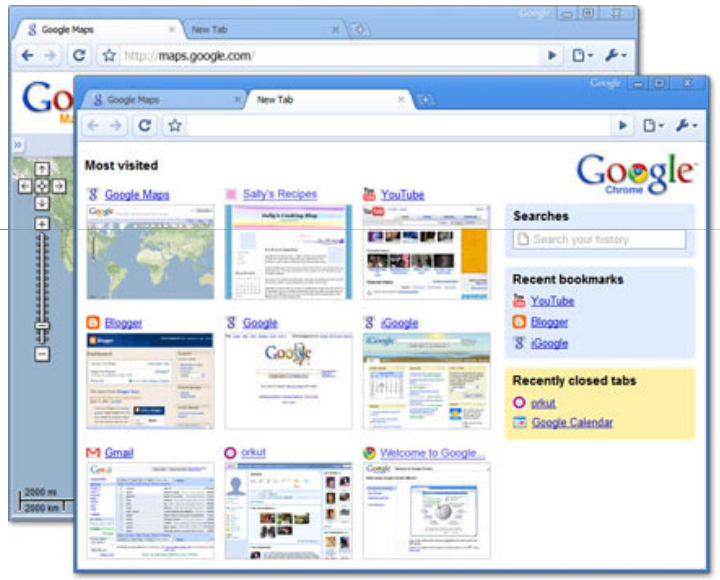
Is the browser the new PC?



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Are e-readers or digital picture frames?

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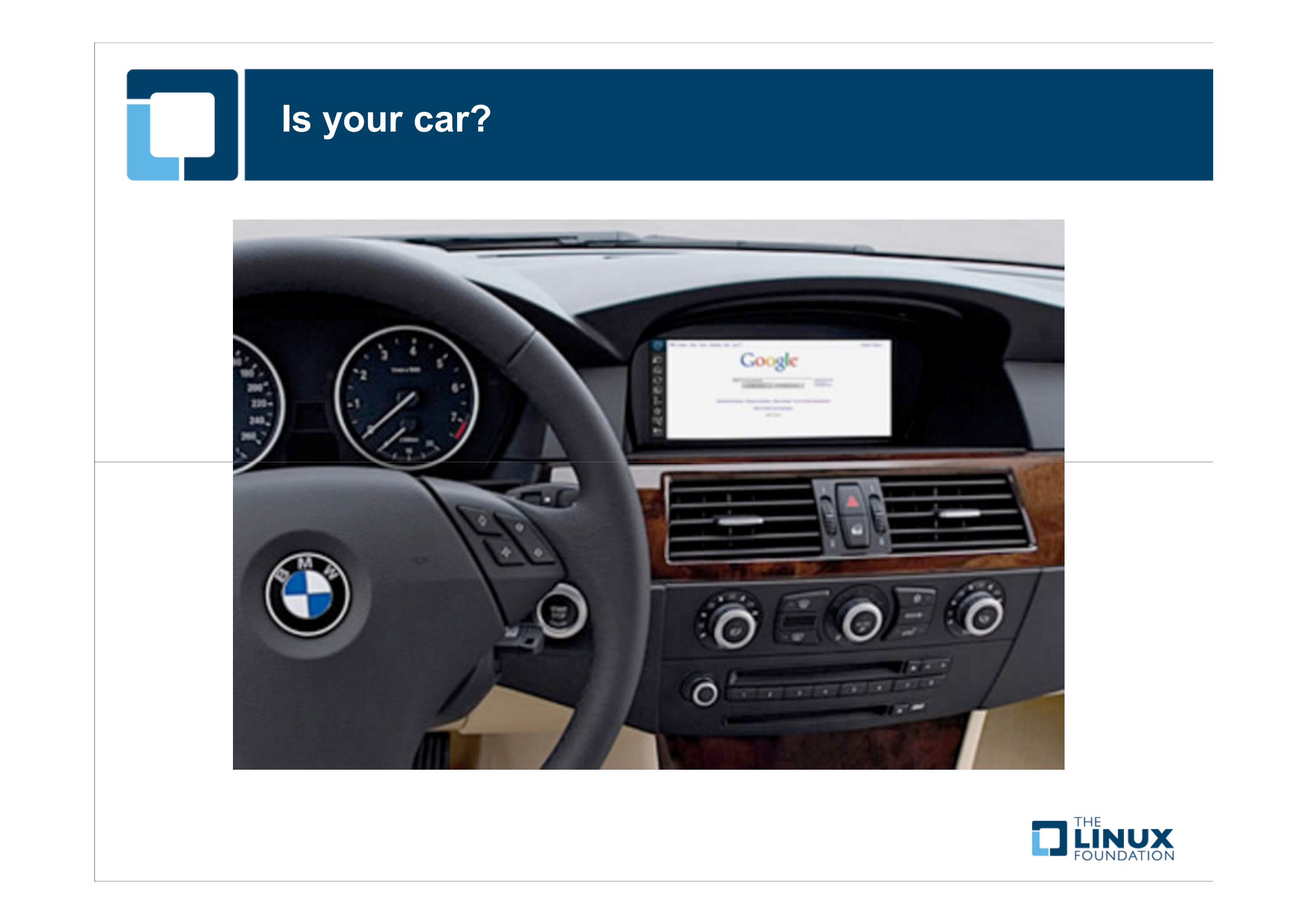
Is your TV the new PC?



Is your car?

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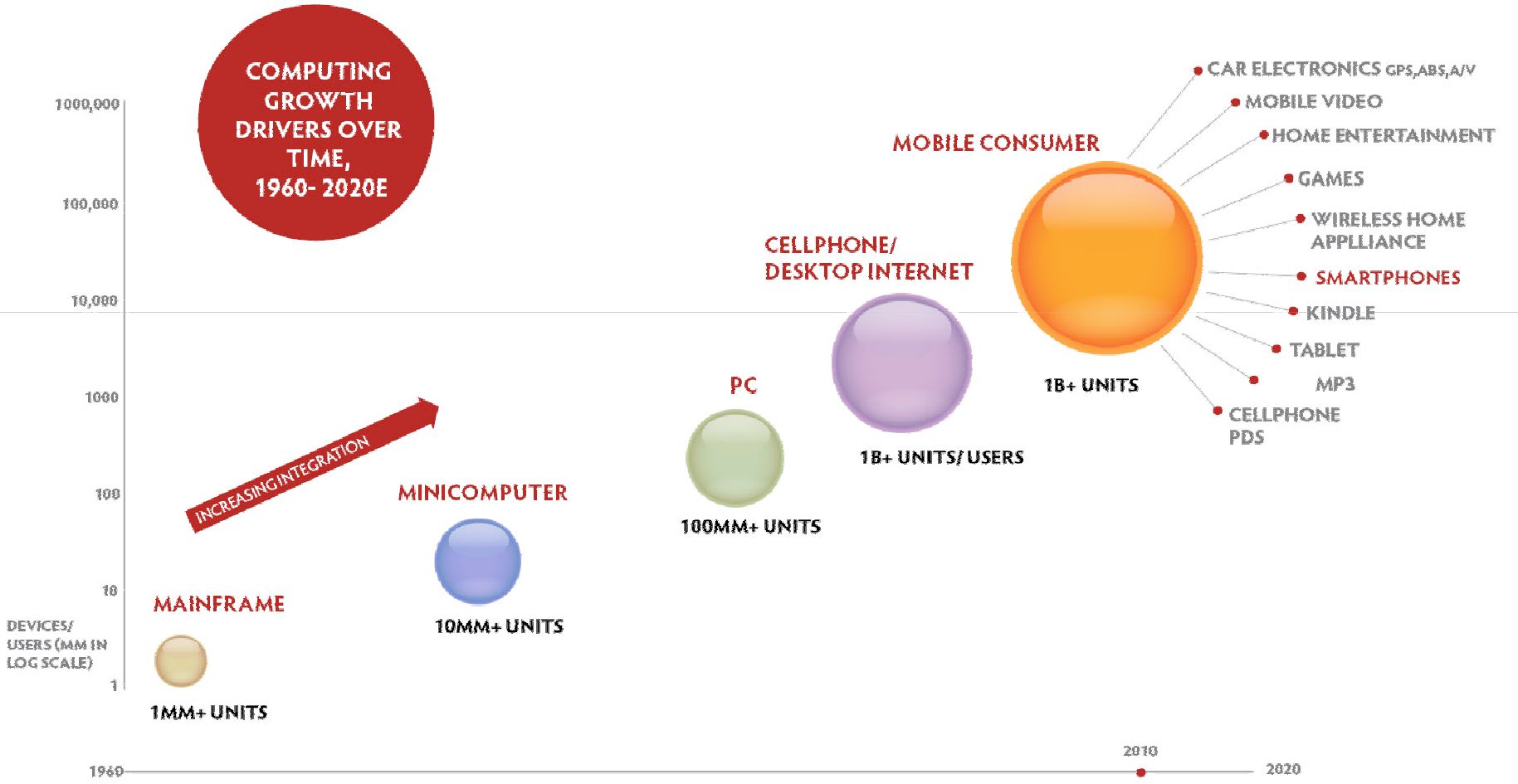
The Mobile Client is where all the growth is



Morgan Stanley Research 2010

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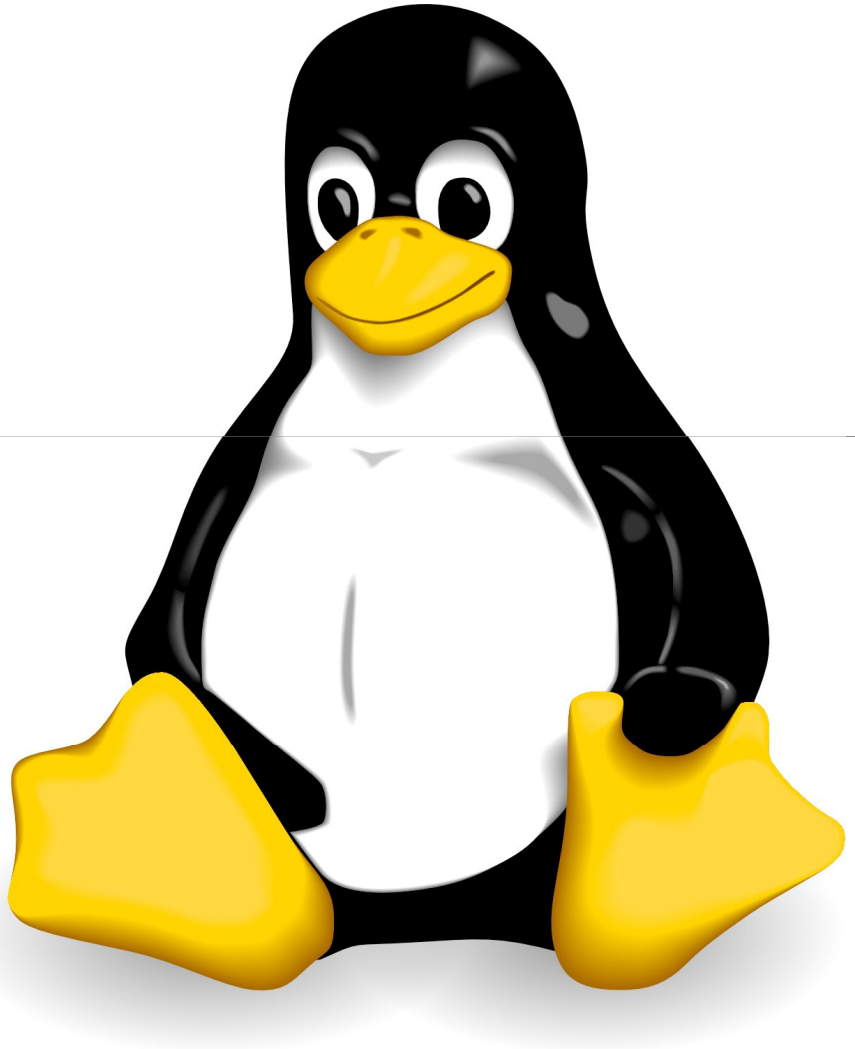
The mobile device world has a single thing in common.



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Reason Four: The move to services

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FREE

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The move towards a services economy for consumers

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The move towards a services economy for enterprise

appzero

cloud servers

amazon web services™

Zenoss

salesforce.com

Success On Demand.™

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Linux is de facto winner as a services platform

Could Google, Amazon or Facebook be the companies they are today if they were written on Microsoft .NET?

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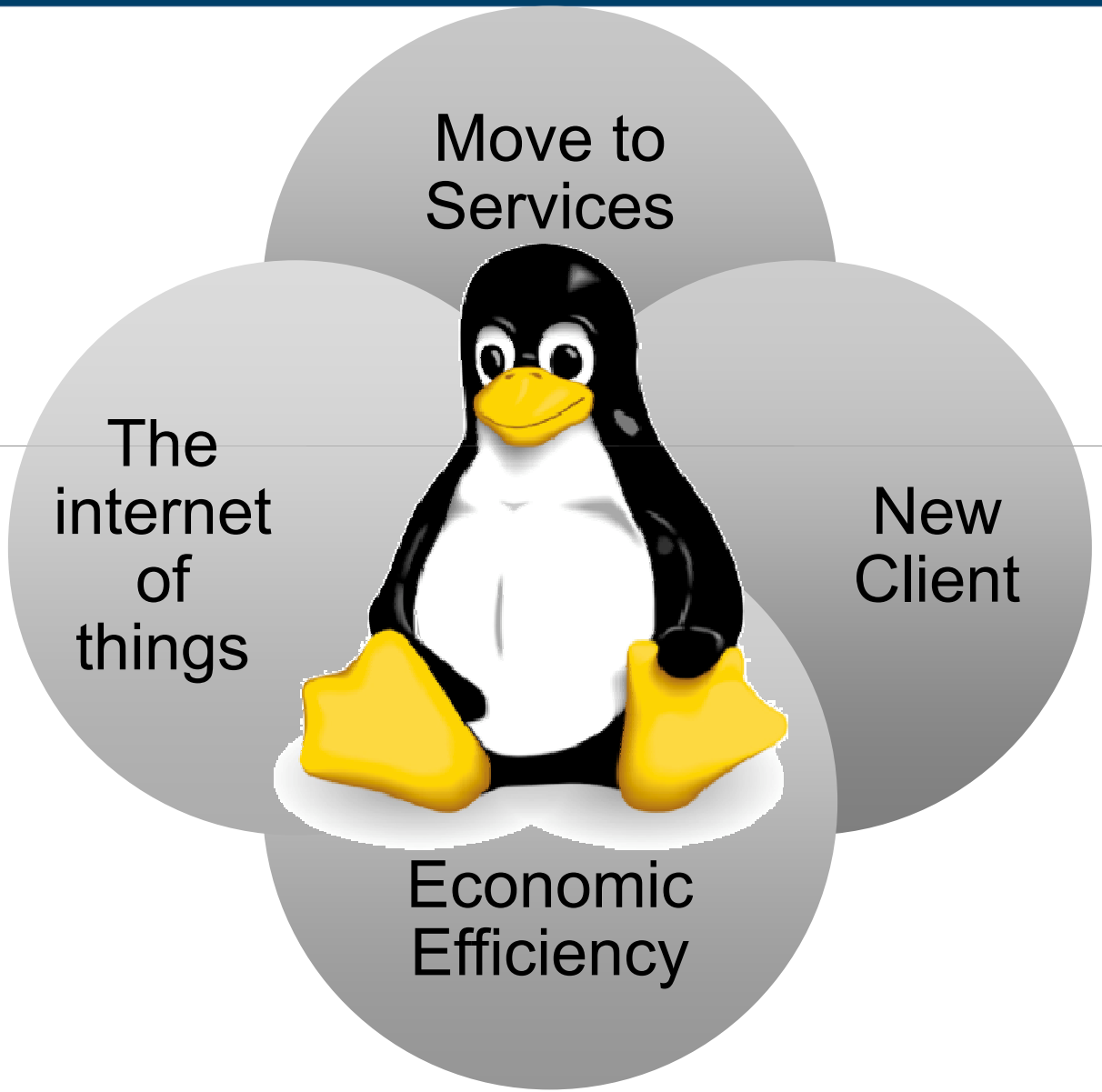
Linux is the center of all major computing trends



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Join us...

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The Linux Foundation is the center of Linux development, legal defense and promotion

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The Linux Foundation is Represented by Firms with Major Investments in Linux

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The Linux Foundation hosts a broad range of technical, legal, and promotional workgroups

Open Source Compliance Program

Driver Backporting

Travel Fund

NDA Program

Legal Defense

Green Linux

Open Source as Prior Art

Kernel.org Staff

HPC

Technical Advisory Board

Japan SI Forum

IPv6 Workgroup

Linux Standard Base

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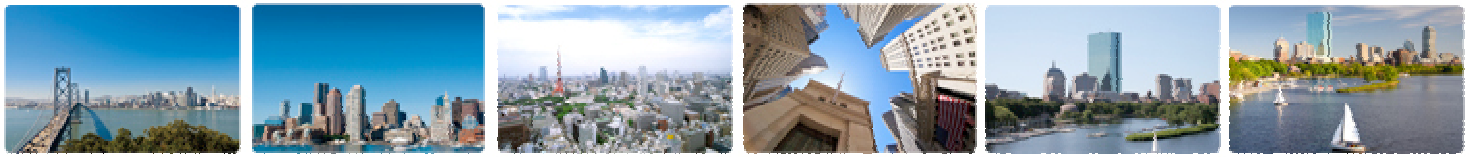
Linux Foundation events are the centerpiece of the Linux cooperation



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COLLABORATION SUMMIT
April 14 - 16, 2010 • San Francisco, CA

LINUXCON NORTH AMERICA 2010
August 10 - 12, 2010 • Boston, MA

LINUXCON BRAZIL 2010
August 31 - September 1, 2010 • São Paulo, Brazil

LINUXCON JAPAN 2010
September 27 - 29, 2010 • Tokyo, Japan

THE LINUX FOUNDATION
END USER SUMMIT
October 12- 13, 2010 • Jersey City, NJ

THE 11TH ANNUAL LINUX
KERNEL SUMMIT
NOVEMBER 1 - 2, 2010 • CAMBRIDGE, MA
November 1 - 2, 2010 • Cambridge, MA

LINUX PLUMBERS CONFERENCE
CAMBRIDGE, MA | NOVEMBER 3-5, 2010
November 3 - 5, 2010 • Cambridge, MA

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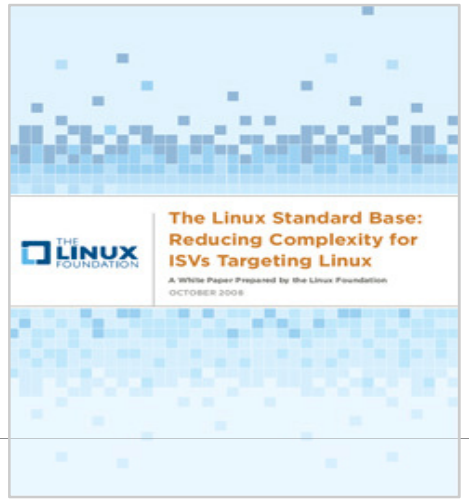
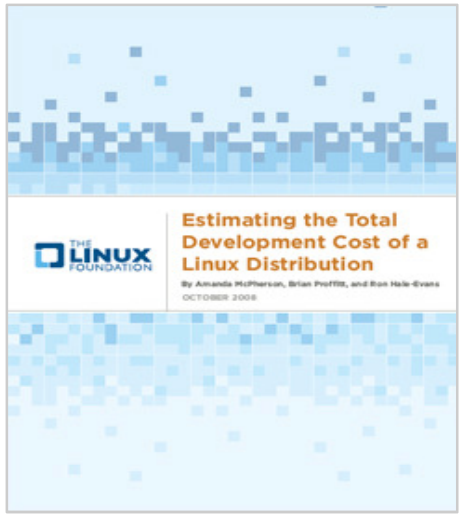
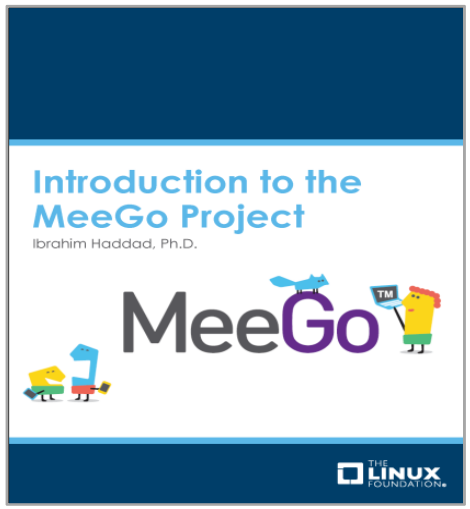
The Linux Foundation is the central source of research for Linux







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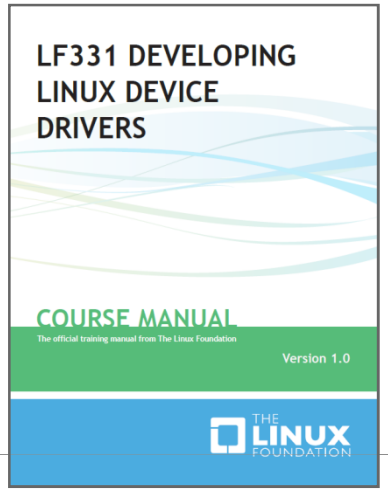
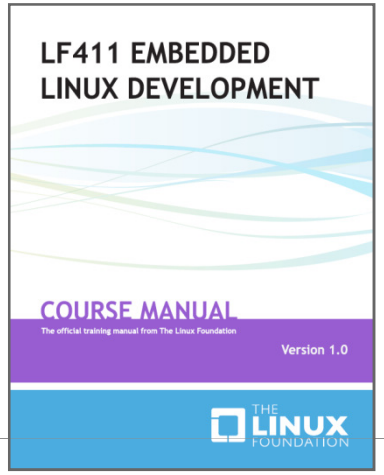
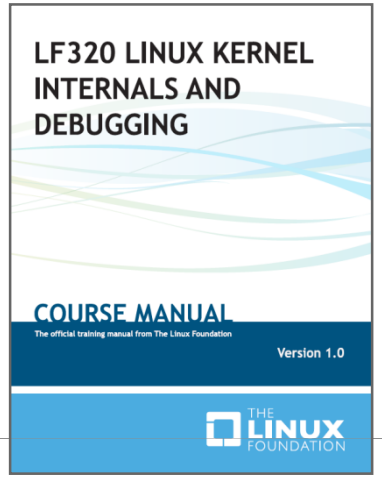
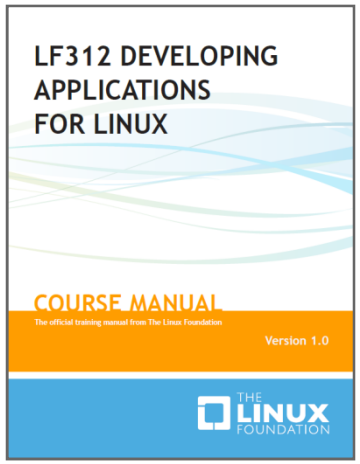
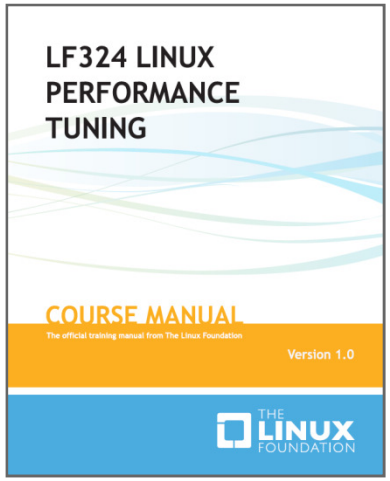
The Linux Foundation offers training and technical services

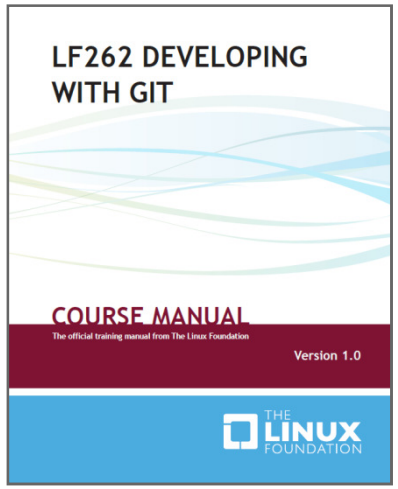












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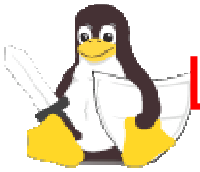
The Linux Foundation is at the center of the Linux Defense Network

openinventionnetwork℠

frdm
Software Freedom Law Center

DEFENSIVE PUBLICATIONS



LINUX DEFENDERS

PEERTOPATENT
in cooperation with USPTO

Patent Commons PROJECT
PRESERVE
COLLABORATE
INNOVATE

open source™

OSAPA

POST ISSUE PEER TO PATENT P

Linux Legal Defense Fund

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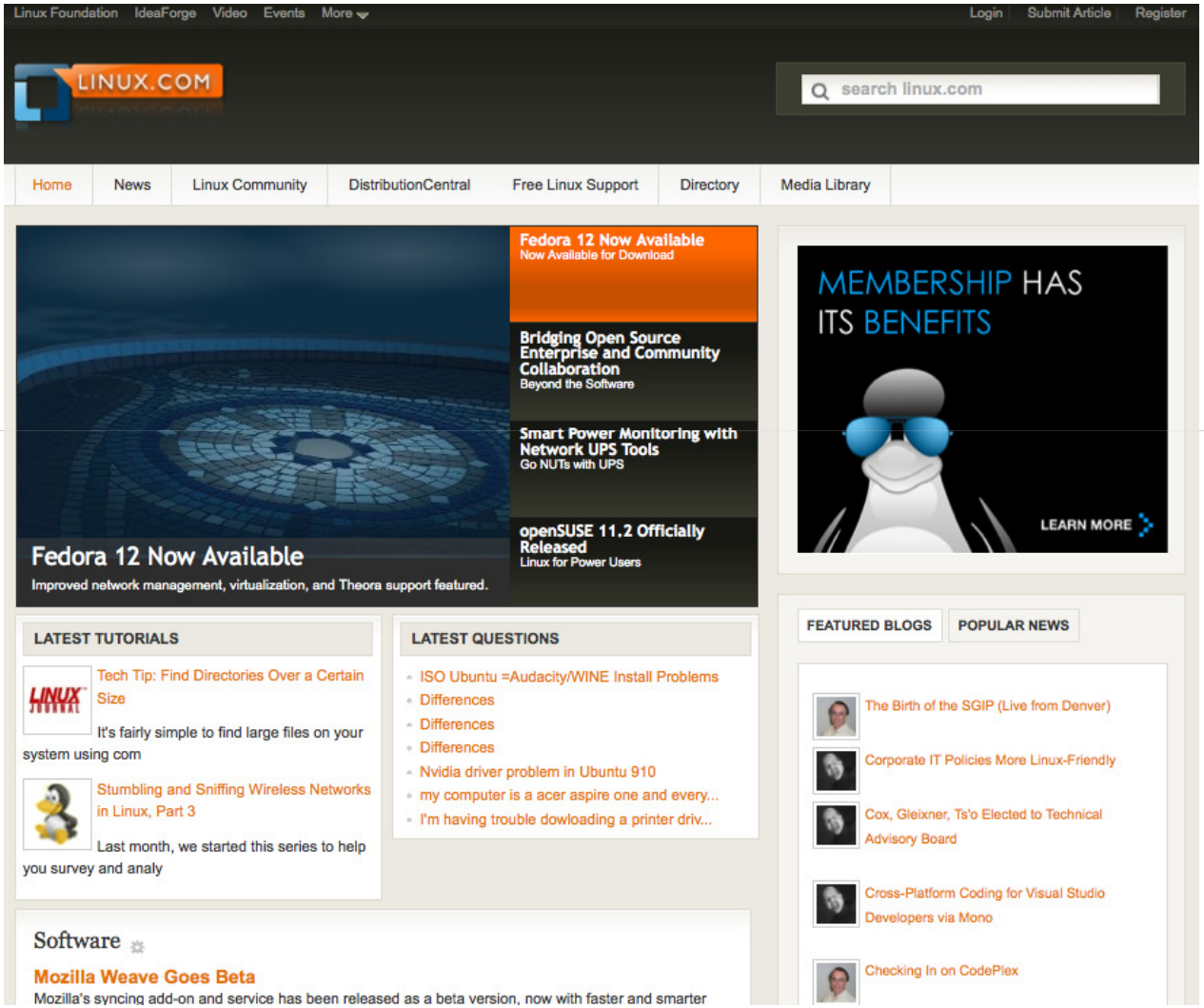
The Linux Foundation Provides Linux News and Information to Millions Each Month



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Companies Build Their Business Around Linux: The Linux Foundation Helps Get the Most from It

How To Work With The Linux Community

- Consulting, Education and Connections
- Sharing Best Practices

Building Technical Competency

- Build Services
- Custom Linux Training
- Research/Education
- Workgroups

Legal Collaboration

- Legal Summits
- Legal Defence Fund
- The Open Compliance Program & Tools

Influencing Users & Developers

- Leadership PR
- Linux.com Coverage
- Speaking at Events
- Reaching Millions of Users Per Month

Linux Foundation Programs

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Thank you.

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